

Agenda

Environmental Protection Commission

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ADM-1-17 1994
The Name
Secretary's Initials *JL*

November 21, 1994

10:00 AM

Wallace State Office Building, Fourth Floor Conference Room

Public Participation

10:30 A.M.

APPOINTMENTS:

Jim Ulveling, Carroll County Solid Waste and Tom Clark, City of Ottumwa
(waste abatement table)

10:45 A.M.

11:15 - Item 8

Richard Bengtson - Nonpublic wells

11:30 A.M.

Don Grell (Item 12-A)

1:30 p.m.

Agenda topics

1. Approve Agenda
2. Approve Minutes of October 17, 1994
3. Monthly Financial Status Report Stan Kuhn (Information)
4. Notice of Intended Action--Chapter 145, Household Batteries Teresa Hay (**Decision**)
5. Monthly Reports Allan Stokes (Information)
6. Section 319 NPS Projects Report Allan Stokes (Information)
7. Report on Drinking Water Quality Allan Stokes (Information)
8. Interagency Agreement - Small Business Ombudsman Program Pursuant to Clean Air Act Amendments of 1990 Allan Stokes (**Decision**)
9. Interagency Agreement with UNI - SBA Program Pursuant to Clean Air Act Amendments of 1990 Allan Stokes (**Decision**)
10. Notice of Intended Action--Chapter 22, Air Construction Permits Allan Stokes (**Decision**)
11. Proposed Contested Case Decision--Economy Solar Corp. Allan Stokes (**Decision**)
12. Referrals to the Attorney General Allan Stokes (**Decision**)
 - a) Don Grell (Ft. Dodge) **TABLED**
 - b) Rayburn Court for Mobile Homes (Mason City)
 - c) Fernald Water Supply (Nevada)
 - d) Trust Trucking Corporation, James Huyser (Monroe County)

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|-----|--------------------------------|-----------------------|
| 13. | 1995 Legislation | Don Paulin (Decision) |
| 14. | General Discussion | |
| 15. | Address Items for Next Meeting | |

Next Meeting Dates

December 19, 1994
January 17, 1995 (Tuesday)
February 20, 1995

ENVIRONMENTAL PROTECTION COMMISSION

Monday, November 21, 1994

NAME

COMPANY OR AGENCY

CITY

(PLEASE PRINT)

Amy Couch	Sullivan & Ward	Des Moines
STEVE ROBERTS	DAVIS, HOCKENBORG	" "
RUSS HEGSTROM	AT & T	WDM
Meg Schneider	The Messenger	Ft. Dodge
Christopher D. Hess	U.S. EPA	Kansas City
Theresa Kluwe	IA Senate	DM
Richard Bengts	-	Jewell
Perry Beeman	Dm Register	Des Moines
Ed Bodet	CRGzith	CR
DAK VEST	GROCMARK, INC	Bloomington, IL
Rick Kelley	UHL	DM
Jim Boudouris	change & Evaluation	DM
Chris Gault	Farm Bureau	WDSM
Rob Dittmer	DuPont	W. DSM IA
Dick Jankins	Deis Law Firm	DM.
John Eichelberger	Stanley, Lande & Hunter	Muscatape

ENVIRONMENTAL PROTECTION COMMISSION

Monday, November 21, 1994

NAME

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CITY

(PLEASE PRINT)

Bill Angrick	Citizens' Aide/Ombudsman	
Ruth Cooperrider	" " "	
Kathie Obradovic	Lee Newspapers	
Don E. Gelf	Dodger Enterprise	
Linda Kading	Iowa Assn of Mun. Utilities	
Jane McAnister	Ankers Law Firm	
Tom Neely	Northern Natural Gas Co.	

Iowa Department of Natural Resources Environmental Protection Commission

ITEM

3

INFORMATION

TOPIC

Financial Status Report

Included is the YTD division-level expenditure status report as of 10/31/94. Staff will present the report and provide additional budget information or respond to related questions by commissioners.

Stanley C. Kuhn
Division Administrator
Administrative Services Division

Attachment: Budget Status Report

November 7, 1994

DIRECTOR'S OFFICE/I&E BUREAU

EXPENSE CATEGORY	Actual FY94	Budget FY95	YTD Bdgt 10/31/94	YTD Actual 10/31/94	Under (Over)
PERS SERV	941,578	970,715	339,750	327,167	12,583
PERS TRV IN	36,778	53,100	13,275	15,471	(2,196)
STATE VEHICL	4,347	7,931	2,617	1,308	1,309
DEPRECIATION	7,755	12,640	4,171	2,620	1,551
PERS TRV OUT	8,273	9,500	2,375	2,372	3
OFF SUPPLY	75,525	104,076	26,019	15,163	10,856
FAC MAINT SU	1,028	6,000	1,500	3	1,497
EQUIP MAINT	3,540	6,850	1,713	385	1,328
OTHER SUPPLY	39,327	65,899	16,475	39,491	(23,016)
PRINT & BIND	299,648	293,510	73,378	39,268	34,110
UNIFORMS	306	2,150	538	147	391
COMMUNICATIO	22,957	26,900	6,725	4,545	2,180
RENTALS	1,287	1,500	375	456	(81)
UTILITIES	218	750	188	35	153
PROF SERV	89,165	70,568	17,642	18,374	(732)
OUTSIDE SERV	25,614	28,550	7,138	2,179	4,959
ADVER PUB	0	6,000	1,500	0	1,500
DATA PROC	13,979	14,050	3,513	1,239	2,274
REIMBURSMENT	2,060	6,175	1,544	91	1,453
EQUIPMENT	34,828	30,724	10,139	14,472	(4,333)
OTHER EXP	100	2,600	650	0	650
	1,608,313	1,720,188	531,222	484,786	46,436

Notes: Overage in Other Supplies relates to items for Aquatic Education program.
Equipment overage involves the purchase of DP equipment early in the fiscal year.

ADMINISTRATIVE SERVICES DIVISION

EXPENSE CATEGORY	Actual FY94	Budget FY95	YTD Bdgt 10/31/94	YTD Actual 10/31/94	Under (Over)
PERS SERV	3,544,312	3,598,211	1,259,374	1,217,591	41,783
PERS TRV IN	36,797	48,050	12,013	9,076	2,937
STATE VEHICL	48,733	57,000	18,810	16,168	2,642
DEPRECIATION	145,319	80,500	26,565	22,560	4,005
PERS TRV OUT	4,784	7,300	1,825	6,296	(4,471)
OFF SUPPLY	314,207	315,255	78,814	78,162	652
FAC MAINT SU	2,091	21,000	5,250	173	5,077
EQUIP MAINT	45,040	52,000	13,000	8,260	4,740
OTHER SUPPLY	8,005	14,300	3,575	407	3,168
PRINT & BIND	21,116	14,500	3,625	3,931	(306)
UNIFORMS	2,460	2,500	625	800	(175)
COMMUNICATIO	98,778	97,100	24,275	13,217	11,058
RENTALS	503	500	125	184	(59)
UTILITIES	527	0	0	128	(128)
PROF SERV	62,018	40,000	10,000	9,728	272
OUTSIDE SERV	28,369	73,650	18,413	5,880	12,533
ADVER PUB	0	500	125	20	105
DATA PROC	188,477	97,000	24,250	69,181	(44,931)
AUDITOR REIM	163,645	160,000	40,000	0	40,000
REIMBURSMENT	183,548	117,150	29,288	569	28,719
EQUIPMENT	173,698	158,508	52,308	50,767	1,541
OTHER EXP	383,632	165,320	41,330	0	41,330
LICENSES	0	50	13	0	13
	5,456,059	5,120,394	1,663,600	1,513,098	150,502

Notes: Overage in out of state travel involves training for specialized software not available in-state. The Data Processing overage involves central DP costs not yet distributed to operating programs. This will be adjusted when an updated cost distribution plan is completed.

PARKS, PRESERVES AND RECREATION DIVISION

EXPENSE CATEGORY	Actual FY94	Budget FY95	YTD Bdgt 10/31/94	YTD Actual 10/31/94	Under (Over)
PERS SERV	4,378,069	4,475,451	1,566,408	1,538,039	28,369
SEASONAL HELP	1,278,892	1,345,012	820,457	930,099	(109,642)
PERS TRV IN	72,376	57,274	14,319	12,799	1,520
STATE VEHICL	212,137	204,800	67,584	80,585	(13,001)
DEPRECIATION	304,490	296,900	97,977	101,575	(3,598)
PERS TRV OUT	4,998	7,585	1,896	1,928	(32)
OFF SUPPLY	33,046	35,700	8,925	14,805	(5,880)
FAC MAINT SU	500,824	479,500	119,875	158,246	(38,371)
EQUIP MAINT	400,521	286,749	71,687	109,254	(37,567)
AG CONS SUPP	67,853	26,792	6,698	6,462	236
OTHER SUPPLY	39,315	36,194	9,049	10,840	(1,792)
PRINT & BIND	54,853	24,000	6,000	3,811	2,189
UNIFORMS	31,530	31,577	7,894	9,841	(1,947)
COMMUNICATIO	98,313	98,002	24,501	25,508	(1,008)
RENTALS	37,023	34,900	8,725	16,446	(7,721)
UTILITIES	432,202	401,951	100,488	126,586	(26,098)
PROF SERV	97,181	62,408	15,602	2,000	13,602
OUTSIDE SERV	221,882	179,852	44,963	65,505	(20,542)
ADVER PUB	1,070	1,050	263	125	138
DATA PROC	4,555	5,000	1,250	0	1,250
REIMBURSMEN	7,084	2,425	606	1,338	(732)
EQUIPMENT	203,645	202,000	66,660	44,990	21,670
OTHER EXP	776	4,700	1,175	0	1,175
LICENSES	512	697	174	0	174
	8,483,147	8,300,519	3,063,175	3,260,782	(197,607)

Note: Park and recreation areas experienced very heavy visitation and camping activity during the first 4 months of the FY. The apparent overages relate partially to this heavy usage, and to typical seasonal variation in expenditure patterns. This is expected to be covered by higher than anticipated camping receipts.

FORESTS AND FORESTRY DIVISION

EXPENSE CATEGORY	Actual FY94	Budget FY95	YTD Bdgt 10/31/94	YTD Actual 10/31/94	Under (Over)
PERS SERV	1,700,668	1,762,827	616,989	585,383	31,606
SEASONAL HELP	93,663	110,874	67,633	28,722	38,911
PERS TRV IN	34,236	43,500	10,875	10,459	416
STATE VEHICL	68,031	91,000	30,030	21,310	8,720
DEPRECIATION	133,145	139,700	46,101	44,960	1,141
PERS TRV OUT	7,996	9,300	2,325	4,347	(2,022)
OFF SUPPLY	16,770	20,300	5,075	3,161	1,914
FAC MAINT SU	50,454	44,000	11,000	9,337	1,663
EQUIP MAINT	59,574	57,000	14,250	13,342	908
AG CONS SUPP	130,342	144,000	36,000	24,470	11,530
OTHER SUPPLY	39,763	39,900	9,975	3,119	6,856
PRINT & BIND	5,909	15,500	3,875	1,554	2,321
UNIFORMS	8,066	15,600	3,900	2,395	1,505
COMMUNICATIO	31,170	43,669	10,917	7,793	3,124
RENTALS	34,925	36,000	9,000	5,877	3,123
UTILITIES	28,690	37,000	9,250	4,007	5,243
PROF SERV	0	500	125	0	125
OUTSIDE SERV	59,777	68,500	17,125	6,138	10,987
ADVER PUB	406	2,000	500	49	451
DATA PROC	19,776	3,300	825	0	825
REIMBURSMENT	918	550	138	0	138
EQUIPMENT	74,077	115,931	38,257	44,635	(6,378)
	2,598,356	2,800,951	944,166	821,058	123,108

ENERGY & GEOLOGICAL RESOURCES DIVISION

EXPENSE	Actual	Budget	YTD	YTD Actual	Under
CATEGORY	FY94	FY95	Budget 10/31/94	10/31/94	(Over)
PERS SERV	2,254,092	2,396,255	838,689	773,448	65,241
PERS TRV IN	20,252	39,893	9,973	5,756	4,217
STATE VEHICL	12,298	19,000	6,270	3,025	3,245
DEPRECIATION	25,560	30,500	10,065	8,120	1,945
PERS TRV OUT	41,042	66,696	16,674	13,423	3,251
OFF SUPPLY	30,407	34,560	8,640	6,323	2,317
FAC MAINT SU	2,284	1,700	425	4	421
EQUIP MAINT	3,212	8,350	2,088	876	1,212
PROF SUPPLY	977	5,121	1,280	92	1,188
OTHER SUPPLY	21,530	36,953	9,238	6,004	3,234
PRINT & BIND	31,317	49,700	12,425	4,932	7,493
UNIFORMS	0	1,000	250	0	250
COMMUNICATIO	40,457	45,850	11,463	8,179	3,284
RENTALS	2,194	500	125	1,925	(1,800)
UTILITIES	19,980	18,400	4,600	3,680	920
PROF SERV	767,256	1,352,826	338,207	44,699	293,508
OUTSIDE SERV	21,166	75,677	18,919	10,090	8,829
ADVER PUB	460	0	0	66	(66)
DATA PROC	13,584	22,900	5,725	528	5,197
REIMBURSEMENT	5,306	7,330	1,833	69	1,764
EQUIPMENT	94,217	105,945	34,962	21,365	13,597
OTHER EXP	4,639	25,409	6,352	0	6,352
	3,412,230	4,344,565	1,338,202	912,604	425,598

ENVIRONMENTAL PROTECTION DIVISION

EXPENSE	Actual	Budget	YTD	YTD Actual	Under
CATEGORY	FY94	FY95	Budget 10/31/94	10/31/94	(Over)
PERS SERV	7,539,956	8,584,860	3,004,701	2,619,518	385,183
PERS TRV IN	52,321	143,000	35,750	12,670	23,080
STATE VEHICL	38,614	48,500	16,005	14,037	1,968
DEPRECIATION	62,205	70,500	23,265	20,780	2,485
PERS TRV OUT	68,533	165,114	41,279	15,311	25,968
OFF SUPPLY	75,264	110,469	27,617	10,329	17,288
FAC MAINT SU	989	8,600	2,150	143	2,007
EQUIP MAINT	14,440	17,000	4,250	2,497	1,753
PROF SUPPLY	0	1,350	338	0	338
OTHER SUPPLY	21,959	44,050	11,013	6,100	4,913
PRINT & BIND	58,487	82,050	20,513	29,904	(9,392)
UNIFORMS	1,992	4,500	1,125	572	553
COMMUNICATIO	150,998	162,600	40,650	31,514	9,136
RENTALS	65,589	66,500	16,625	18,590	(1,965)
UTILITIES	17,622	24,811	6,203	3,351	2,852
PROF SERV	1,441,690	5,067,139	1,266,785	224,907	1,041,878
OUTSIDE SERV	84,580	71,080	17,770	24,524	(6,754)
INTRA TRANSF	0	404,000	101,000	0	101,000
ADVER PUB	6,536	10,600	2,650	700	1,950
DATA PROC	165,651	239,206	59,802	0	59,802
REIMBURSMENT	23,854	45,650	11,413	623	10,790
EQUIPMENT	323,387	2,772,339	914,872	84,785	830,087
OTHER EXP	8,650	23,250	5,813	0	5,813
	10,223,317	18,167,168	5,631,585	3,120,855	2,510,730

Note: The division will be under budget, particularly early in the fiscal year. The expansion of the Air and Water programs assumes full staffing throughout the year, but realistically most staff will appear on the payroll toward the end of the second quarter.

FISH AND WILDLIFE DIVISION

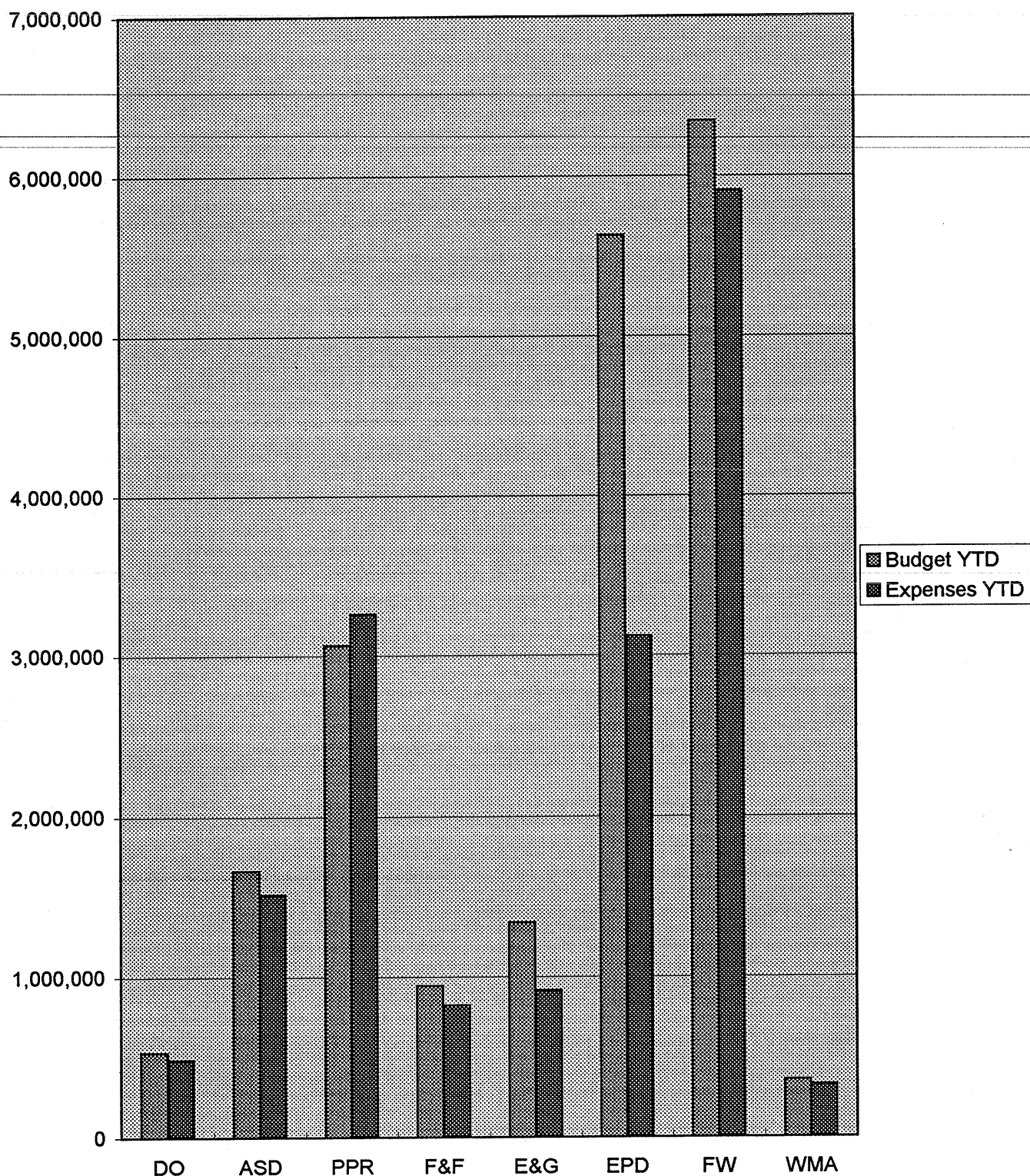
EXPENSE	Actual	Budget	YTD	YTD Actual	Under
CATEGORY	FY94	FY95	Budget 10/31/94	10/31/94	(Over)
PERS SERV	11,725,190	11,802,780	4,130,973	4,087,427	43,546
SEASONAL HELP	621,243	781,508	476,720	369,718	107,002
PERS TRV IN	345,439	351,280	87,820	92,153	(4,333)
STATE VEHICL	505,451	497,386	164,137	173,376	(9,239)
DEPRECIATION	678,010	754,723	249,059	232,375	16,684
PERS TRV OUT	30,179	40,400	10,100	15,598	(5,498)
OFF SUPPLY	329,984	334,118	83,530	59,413	24,117
FAC MAINT SU	401,632	491,580	122,895	79,844	43,051
EQUIP MAINT	361,965	350,436	87,609	152,228	(64,619)
AG CONS SUPP	294,457	382,075	95,519	91,247	4,272
OTHER SUPPLY	152,016	105,707	26,427	56,569	(30,142)
PRINT & BIND	157,197	224,375	56,094	69,552	(13,458)
UNIFORMS	106,426	134,675	33,669	27,355	6,314
COMMUNICATIO	236,569	207,200	51,800	64,813	(13,013)
RENTALS	56,926	73,535	18,384	14,108	4,276
UTILITIES	212,848	226,116	56,529	48,154	8,375
PROF SERV	134,334	411,009	102,752	56,186	46,566
OUTSIDE SERV	207,047	162,812	40,703	78,011	(37,308)
ADVER PUB	2,024	2,600	650	337	313
DATA PROC	69,538	54,000	13,500	0	13,500
REIMBURSMENT	68,912	68,450	17,113	0	17,113
EQUIPMENT	439,667	1,258,954	415,455	136,571	278,884
OTHER EXP	1,897	600	150	2,653	(2,503)
LICENSES	46	300	75	11	64
	17,138,997	18,716,619	6,341,661	5,907,699	433,962

Note: The apparent budget overages are primarily the result of normal seasonal variation in workload.

WASTE MANAGEMENT ASSISTANCE DIVISION

EXPENSE	Actual	Budget	YTD	YTD Actual	Under
CATEGORY	FY94	FY95	Budget 10/31/94	10/31/94	(Over)
PERS SERV	710,567	750,557	262,695	262,535	160
PERS TRV IN	27,240	34,300	8,575	9,530	(955)
PERS TRV OUT	22,096	47,200	11,800	6,800	5,000
OFF SUPPLY	6,849	26,200	6,550	1,356	5,194
EQUIP MAINT	0	3,150	788	198	590
OTHER SUPPLY	7,665	5,585	1,396	874	522
PRINT & BIND	31,417	51,324	12,831	15,957	(3,126)
UNIFORMS	0	100	25	0	25
COMMUNICATIO	14,989	17,500	4,375	2,494	1,881
RENTALS	889	1,550	388	400	(13)
PROF SERV	66,367	118,411	29,603	17,411	12,192
OUTSIDE SERV	9,218	14,300	3,575	227	3,348
ADVER PUB	1,614	2,600	650	0	650
DATA PROC	7,270	7,600	1,900	0	1,900
REIMBURSMENT	16,575	23,100	5,775	160	5,615
EQUIPMENT	0	15,700	5,181	7,980	(2,799)
OTHER EXP	4,639	5,700	1,425	0	1,425
	927,395	1,124,877	357,531	325,922	31,609

DNR Division Level Expenditure Status, 10/31/94



**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

4

DECISION

TOPIC

Notice of Intended Action--New Chapter 145, Household Batteries

The Commission is requested to approve the proposed notice of intended action to create new chapter 145, "Household Batteries" Iowa Administrative Code. Attached are the proposed Administrative Rules to implement Iowa code sections 455D.10A and 455D.10B.

Iowa code sections 455D.10A and 455D.10B establish laws and standards regarding the management of household batteries. These laws include: 1) a limit on the amount of mercury added to household batteries; 2) the management of nickel-cadmium, mercuric oxide and smaller sealed lead acid batteries by reducing the toxics, establishing a recycling program or establishing a disposal program; and 3) a requirement that rechargeable batteries are easily removed from rechargeable consumer products. The rechargeable battery, rechargeable consumer product and the product package must be labeled to indicate that these batteries must be managed through recycling or proper disposal.

The proposed rule clarifies the responsibilities of household battery manufacturers, distributors, dealers, and consumers regarding the recycling and proper disposal requirements for nickel-cadmium, mercuric oxide and smaller sealed lead-acid batteries.

Teresa D. Hay
Division Administrator
Waste Management Assistance Division

Attachment

November 1, 1994

ENVIRONMENTAL PROTECTION COMMISSION [567]

NOTICE OF INTENDED ACTION

Pursuant to the authority of Iowa code sections 455B.304, 455D.7 and 455D.10A, the Environmental Protection Commission hereby gives Notice of Intended Action to create new Chapter 145, "Household Batteries," Iowa Administrative Code. This new chapter assist with the implementation of the provisions of this act.

Any interested person may make written suggestions or comments on the rules proposed in this Notice of Intended Action prior to January 11, 1995. Such written comments should be directed to Jeff Fiagle, Waste Management Assistance Division, Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319-0034; Fax (515) 281-8895. Persons who wish to convey their views by telephone should contact Jeff Fiagle, Waste Management Assistance Division at (515)281-5859 or at offices on the fifth floor of the Wallace State Office Building, Des Moines, Iowa.

A public hearing will be held January 11, 1995, at 10:00 a.m. in the 5th Floor West Conference Room of the Wallace State Office Building, East 9th and Grand Avenues, Des Moines, Iowa, at which time persons may present their views either verbally or in writing. At the hearing persons will be asked to give their names and addresses for the record, and to confine their remarks to the subject of the rule.

Any persons who intend to attend a public hearing and have special requirements such as hearing or mobility impairments should contact the Department of Natural Resources and advise of specific needs.

These rules are intended to implement Iowa code sections 455B.301 through 455B.316, 455D.10A and 455D.10B.

The following rule is proposed.

CHAPTER 145
HOUSEHOLD BATTERIES

567--145.1(455B, 455D) Scope. This chapter is intended to assist the implementation of the provisions of Iowa Code sections 455D.10A and 455D.10B. The Act limits the amount of mercury added to an alkaline manganese battery and prohibits the disposal of batteries specified in 455D.10A(3)"a"(1) as part of the mixed municipal solid waste stream. All consumers shall be informed of this prohibition on disposal. The Act further requires the establishment of a system or systems that would require any or all of the following: elimination or reduction of heavy metals or other toxic components, establishment of a comprehensive recycling program, or collection, transport, and proper disposal of the specified batteries.

Household batteries in rechargeable consumer products shall be easily removable or contained in a battery pack. The rechargeable consumer product, the battery, and the product package shall be labeled to notify the consumer of the need to recycle and of the type of electrode used in the battery.

These provisions will further ensure the protection of the state's groundwater resources while protecting the health and safety of the citizens of Iowa and the environment as a whole.

567--145.2(455B, 455D) Definitions. As used in this chapter in addition to the definitions set forth in code section 455D.10A:

"*Act*" means Iowa Code sections 455D.10A and 455D.10B.

"*Alkaline manganese battery*" means a battery consisting of a manganese dioxide positive electrode, a zinc negative electrode and an alkaline electrolyte.

"*Battery pack*" means one or more batteries enclosed in a housing.

"*Collection entity*" is defined in 455D.10A(3)"b"(1).

"*Collection system*" means a system or systems in which household batteries, as specified in 455D.10A(3)"a"(1), are collected by several methods to be recycled or properly disposed. The methods include but are not limited to: point of purchase return, mail-in return, a combination of both or a collection entity.

"*Dealer*" means any person who sells or otherwise offers household batteries to a consumer.

"*Department*" means the Iowa department of natural resources.

"*Distributor*" means any person who sells or otherwise offers household batteries to dealers.

"*Institutional generator*" is defined in 455D.10A(1)"e".

"Manufacturer" means any person who manufactures or offers household batteries for sale to distributors or dealers. The manufacturer's name that appears on the battery or rechargeable consumer product shall be presumed to be the manufacturer.

"Mercuric oxide battery" means a battery consisting of a mercuric oxide positive electrode and a zinc negative electrode.

"Nickel-cadmium battery" means a battery consisting of a nickel positive electrode and a cadmium negative electrode.

~~*"Participants in the stream of commerce"* means any dealer, distributor or manufacturer who is involved in the manufacturing, distribution, or sale of household batteries specified in 455D.10A(3)"a"(1).~~

"Sealed lead-acid battery" means a battery consisting of positive and negative electrode materials which are leads or compounds thereof, used in nonvehicular applications and weighing less than twenty-five pounds.

"Unreasonable hazard to public health, safety, or the environment" means a situation caused by the improper disposal of an item that is flammable, corrosive, toxic, or reactive, as defined by EPA regulations, that may result in harm to the public health, safety, or the environment. The harm created from improper disposal may be evident immediately or after a period of time. This definition relates to 455D.10B(2)"c".

567--145.3(455B, 455D) Household Batteries.

145.3(1) As indicated in 455D.10A(1)"b" and "d", the term "household battery" describes a type of battery, not the origin of its use. Any and all batteries specified in 455D.10A and 455D.10B that are used for any and all purposes are covered by this Act.

567--145.4(455B, 455D) Recycling/Disposal Requirements for Household Batteries.

145.4(1) It is the ultimate responsibility of the manufacturers working with the other participants in the stream of commerce, to establish and maintain a system or systems for the proper collection, transportation and recycling or disposal of waste batteries, specified in 455D.10A(3)"a", for consumers and institutional generators in Iowa, beginning July 1, 1996.

145.4(2) The manufacturers shall provide a plan to the department, by May 1, 1996, that specifically identifies a system or systems for the proper collection, transportation and recycling or disposal of, the specified, waste household batteries. This information shall identify transporters and recycling or disposal destinations.

145.4(3) A manufacturer shall ensure that the cost of proper collection, transportation and recycling or disposal of the specified waste batteries is included in the sales transaction or agreement between the manufacturer and any consumer.

145.4(4) As part of the requirement of informing each consumer of the safe and convenient return process available for recycling or proper disposal of waste batteries, pursuant to Iowa code subsection 455D.10A(3)"b"(2), a manufacturer shall provide a telephone number to each consumer of the specified batteries that provides information on returning these batteries for recycling or proper disposal. This telephone number shall also be provided to the department.

567--145.5(455B, 455D) Exemptions for batteries used in rechargeable consumer products.

145.5(1) A rechargeable consumer product manufacturer may apply to the department for exemption from the requirements of 455D.10B(1). An application for exemption from these requirements shall be submitted on 8 1/2 x 11 inch paper and contain:

- a. The name, address, and telephone number of the applicant and the applicant's contact;
 - b. A statement setting forth the specific basis upon which the exemption is sought.
-

The information required pursuant to this subsection shall be furnished to the department for each specified rechargeable consumer product for which an exemption is sought. The department shall approve or deny an exemption upon receipt of an application therefor. Allowable exemptions are specified in 455D.10B(2) "a" through "d".

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

5

INFORMATION

TOPIC

Monthly Reports

The following monthly reports are enclosed with the agenda for the Commission's information.

1. Rulemaking Status Report
2. Variance Report
3. Hazardous Substance/Emergency Response Report
4. Enforcement Status Report
5. Contested Case Status Report

Members of the department will be present to expand upon these reports and answer questions.

Allan Stokes
Division Administrator
Environmental Protection Division

November 7, 1994

[illegible]

*** Projected**

MONTHLY VARIANCE REPORT

Month: October, 1994

No.	Facility	Program	Engineer	Subject	Decision	Date
1.	Estherville Sand & Gravel-Emmet County	Air Quality		Structures	Approved	10/03/94
2.	City of Humboldt	Air Quality		Separation Distance	Approved	10/03/94
3.	City of Dumont	Air Quality		Separation Distance	Approved	10/03/94
4.	City of Elk Horn	Air Quality		Landscape Waste	Approved	10/03/94
5.	City of Dakota City	Air Quality		Separation Distance	Approved	10/26/94
6.	City of Gilman	Wastewater Construction	Fox Engineering Associates	Manhole Spacing	Approved	10/03/94
7.	City of Sigourney	Wastewater Construction	French-Reneker-Associates, Inc.	Valve Pit	Approved	10/11/94
8.	City of Lamoni	Wastewater Construction	Veenstra & Kimm, Inc.	Valve Pit	Denied	10/20/94
9.	City of Kalona	Wastewater Construction	Garden & Associates	Pond Influent Piping	Approved	10/20/94
10.	City of Fairfield	Flood Plain	Calhoun-Burns & Associates, Inc.	Backwater	Approved	10/03/94
11.	Lucille Schmitt - Dubuque County	Flood Plain		Percent Length Reduction	Approved	10/17/94
12.	City of Centerville - Young Radiator	Wastewater Operation		Monitoring Frequency	Approved	10/20/94

MONTHLY VARIANCE REPORT

Month: October, 1994

No.	Facility	Program	Engineer	Subject	Decision	Date
13.	City of Council Bluffs	Wastewater Operation		Monitoring Frequency	Partial Approval	10/11/94
14.	West Des Moines Water Works	Watersupply Construction	Veenstra & Kimm, Inc.	Design Basis	Approved	10/03/94
15.	Wapello Rural Water Association, Inc.	Watersupply Construction	Garden & Associates	Construction Materials	Approved	10/03/94
16.	Wapello Rural Water Association, Inc.	Watersupply Construction	Garden & Associates	Installation Procedures	Approved	10/03/94
17.	Grand Laboratories, Inc.-Larchwood	Watersupply Construction	Dewild Grant Reckert Associates	Construction Materials	Approved	10/18/94

**IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION**

ITEM _____

INFORMATION

TOPIC: Report of Hazardous Conditions

During the period October 1, 1994, through October 31, 1994, reports of 51 hazardous conditions were forwarded to the central office. Two incidents are highlighted below. A general summary and count by field office is attached. This does not include releases from underground storage tanks, which are reported separately.

Date Reported and County	Material, Amount, Cause, Location & Impact	Responsible Party	Response
10/02/94 Clinton	An unexpected plant shut down caused pressure relief valves to vent 213 pounds of anhydrous ammonia to the atmosphere in Clinton. No injuries were reported.	Arcadian PO Box 2966 Clinton, Iowa	The faulty pressure relief valve was repaired. The ammonia dissipated into the atmosphere without incident.
10/12/94 Hardin	A hose became uncoupled when an aboveground tank was being filled by a tanker truck. 74 gallons of diesel was spilled on the ground. No waterways were impacted.	Alden Coop Elevator Highway 20 Alden, Iowa	Absorbent pads and booms were used to absorb free product. Contaminated soil was excavated and land applied.

Allan E. Stokes
Administrator
Environmental Protection Division

Attachment

Substance

Mode

Month	Total Incidents	Petroleum Product	Agri - Chemical	Other Chemicals and Substances	Handling and Storage	Pipeline	Highway Incident	RR Incident	Fire	Other
October	51(56)	38(37)	3(6)	10(13)	32(34)	0(0)	16(20)	0(0)	0(0)	10(2)
November										
December										
January										
February										
March										
April										
May										
June										
July										
August										
September										

Total Number of Incidents Per Field Office This Period:

(numbers in parentheses for the same period in fiscal year '94)

1	2	3	4	5	6
11	8	4	3	18	7

NUMBER OF LUST CLEANUPS COMPLETED

During the period of October 1, 1994 through October 31, 1994, the following number of LUST cleanups were completed:

13(780)

The number in parentheses represents the total number of LUST cleanups through October 31, 1994.

NUMBER OF LOW RISK SITES APPROVED

During the period of October 1, 1994 through October 31, 1994, the following number of low risk sites were approved:

26(436)

The number in parentheses represents the total number of low risk LUST sites through October 31, 1994.

REPORTS OF RELEASES FROM UNDERGROUND STORAGE TANKS

During the period of October 1, 1994 through October 31, 1994, the following number of releases from underground storage tanks were identified.

31 (23)

The number in parentheses represents the number of releases during the same period in Fiscal Year 1993.

DATE: November 1, 1994

TO: EPC

FROM: Mike Murphy

RE: Enforcement Report Update

The following new enforcement actions were taken last month:

Name, Location and Field Office Number	Program	Alleged Violation	Action	Date
William R. Hennessey & Son, Inc.; William R. Hennessey, Cedar Rapids (1)	Underground Tank	Site Assessment	Order/Penalty \$2,670	9/30/94
Woodbury County; Woodbury County Highway Dept. (3)	Underground Tank	Site Assessment	Order/Penalty \$4,000	9/30/94
Industrial Energy Applications, Cedar Rapids (1)	Air Quality	Operation Without Permit	Order	10/06/94
Relative, Inc., and Doug Smuck, Des Moines (5)	Underground Tank	Closure Investigation; Insurance	Referred to AG	10/17/94
American Demolition Corp. of Iowa, Cedar Rapids (1)	Air Quality	Asbestos	Referred to AG	10/17/94
McCarty Creek Homeowners Assn., LeClaire (6)	Drinking Water	Monitoring/Reporting- Lead and Copper; Public Notice	Referred to AG	10/17/94
Hopkinton Municipal Utilities, Hopkinton (1)	Drinking Water	Monitoring/Reporting- Lead and Copper	Order/Penalty \$100	10/18/94
Pettengill Concrete and Gravel, Inc., Rock Rapids (3)	Flood Plain	Construction Without Permit	Order/Penalty \$10,000	10/18/94
Chuck Winder, Jr. d/b/a E.D.O., Inc., Glidden (4)	Air Quality	Construction Without Permit	Order/Penalty \$2,000	10/18/94
Twin County Dairy, Inc., Iowa City (6)	Wastewater	Effluent Limits	Amended Order	10/18/94
Dave Schmitt Construction Co., Cedar Rapids (1)	Air Quality	Asbestos	Order/Penalty \$1,000	10/18/94
Johnston, City of (5)	Wastewater	Compliance Schedule; Operational Violations	Order	10/18/94

**Name, Location and
Field Office Number**

Program

Alleged Violation

Action

Date

**Donald K. Schmidt,
Cedar Rapids (1)**

Underground Tank

Site Assessment

**Order/Penalty
\$3,000**

10/18/94

George Dolan, Northwood (2)

Underground Tank

Site Assessment

**Order/Penalty
\$3,300**

10/19/94

**Environmental Recycling Co.,
Massena and Brooks (4)**

**Air Quality
Solid Waste**

**Open Burning;
Illegal Disposal**

**Order/Penalty
\$2,000**

10/26/94

Richard Beckett, Villisca (4)

Underground Tank

Site Assessment

**Order/Penalty
\$1,300**

10/27/94

**Tom Babinat d/b/a Tom's Car
Care, Grundy Center (2)**

Underground Tank

Closure Investigation

**Order/Penalty
\$3,600**

10/27/94

**IOWA DEPARTMENT OF NATURAL RESOURCES
COMPLIANCE AND ENFORCEMENT BUREAU**

DATE: November 1, 1994

TO: Environmental Protection Commission

FROM: Michael P. Murphy

SUBJECT: Summary of Administrative Penalties

The following administrative penalties are due:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
Marvin Kruse d/b/a K & C Feeds (Luana)	UT	300	12-01-92
Don Grell d/b/a Dodger Enterprise (Ft. Dodge)	AQ	10,000	2-16-93
Duane Pospisil d/b/a Duane's Service (Lisbon)	UT	1,000	5-04-93
Franklin Raymond (Pacific Junction)	UT	300	7-07-93
Eddie Hemmer (Jones County)	AQ/SW	600	8-01-93
*Delano's Lounge (Washington)	WS	425	9-01-93
Melvin Foubert d/b/a Mel's Repair Service (What Cheer)	UT	400	12-13-93
Richard Waugh d/b/a Dick's Apco Car Wash (Hampton)	UT	885	12-13-93
Stan Simmer d/b/a Tire City (Des Moines)	UT	600	12-21-93
*63-80 Cafe (Moore Oil Co.) (Malcom)	WS	200	1-20-93
William Hatch d/b/a R & R Convenience Store (Central City)	UT	2,480	2-28-93
K-Service, Inc.; Kirkendall Enterprises, et.al. (Sloan)	UT	1,440	2-28-94
Kurt & Mary Marzofka; John & Shirley Riordan (Sabula)	UT	500	3-31-94
Paul Underwood d/b/a Underwood Excavating (Cedar Rapids)	AQ	4,000	4-22-94
Ida Grove Farm Supply Co. d/b/a Double Circle Farm Supply Co. (Galva)	UT	2,300	5-15-94
Leland Koster and Jim Koster (Alexander)	UT	350	6-11-94
Kennedy Car Kleen (Fairfield)	WW	1,000	6-12-94
Dennis Malone & Joanne Malone (Morning Sun)	UT	600	6-16-94
*Home Asbestos & Lead Abatement Services (Johnston)	AQ	450	7-02-94
Giese Construction Co.; William Giese (Ft. Dodge)	UT	600	7-19-94
King Transfer, Ltd.; George B. King (Onawa)	UT	2,400	7-20-94
Jack Thiel, Inc. (Remsen)	UT	300	7-26-94
McCarthy Homeowners Assn. (LeClaire)	WS	275	8-20-94
Central Water Works (Fort Dodge)	WS	275	8-21-94
Blanchard, City of	WS	275	8-22-94
Crawford Flats, Ltd. (Denison)	WS	275	8-25-94
Pacific Junction, City of	WS	1,000	8-27-94
Birmingham, City of	WS	550	8-28-94
Dakota Mobile Home Park (Iowa City)	WS	550	8-28-94
Holland, City of	WS	550	8-28-94
Denmark Municipal Water Supply (Denmark)	WS	550	8-28-94
Hide-A-Way Manor (Cedar Rapids)	WS	275	8-28-94
Woodburn, City of	WS	550	8-25-94
*Terry Beaird d/b/a Curry Environ. Services (Marion)	AQ	1,000	9-01-94
Coralville Lake Terrace Assn. (North Liberty)	WS	550	9-01-94
Ledges Water District (Boone)	WS	275	9-02-94

*Payment Schedule

Midway Water & Lighting (Marion)	WS	550	9-08-94
The Marley Pump Co. (Davenport)	WS	125	9-13-94
RHCL School (Luxemberg)	WS	125	9-14-94
Kalo Well Company (Otho)	WS	110	9-14-94
Willey, City of	WS	110	9-14-94
Bill Dettman d/b/a Dettman Oil Co. (Fonda)	UT	2,800	9-15-94
Verde Water Company-Table Mound #1-Well #1 (Dubuque)	WS	900	9-19-94
Trout Valley 2nd Addition (Bettendorf)	WS	125	9-19-94
Orrie's Supper Club, Inc. (Hudson)	WS	275	9-19-94
Kilpeck Mobile Home Park (Muscatine)	WS	275	9-23-94
Immanuel Lutheran Church and School (Readlyn)	WS	275	9-23-94
Sunshine Homes, Inc. (Atlantic)	WS	275	9-25-94
Scenic View Estates (Decorah)	WS	275	9-25-94
Rayburn Court for Mobile Homes (Mason City)	WS	375	9-29-94
Relative, Inc.; Doug Smuck (Des Moines)	UT	3,070	10-11-94
Relative, Inc.; Doug Smuck (Des Moines)	UT	600	10-11-94
Yarmouth Elementary School (Mediapolis)	WS	375	10-12-94
Fernald Water Supply (Nevada)	WS	200	10-15-94
Batavia, City of	WS	650	10-17-94
Geils Oil Company; Lawrence P. Geils (Donnelson)	UT	3,200	10-18-94
Hidden Valley Mobile Home Court (Washington Co.)	WS	200	10-22-94
Western Hills Light and Water (Algona)	WS	100	10-24-94
Oxford, City of	WS	100	10-25-94
Suburban Utilities (Davenport)	WS	100	10-25-94
Ryan Construction Co. aka Ryan Companies (Cedar Rapids)	AQ	6,000	10-26-94
Pioneer, City of	WS	100	10-26-94
Haasco, Ltd. (Dyersville)	AQ	500	10-29-94
Wunschel Oil, et.al. (Battle Creek)	UT	6,400	11-08-94
Paul L. Dunkel (Delaware Co.)	SW	1,500	11-09-94
*Dale Hall d/b/a Hall Oil Co. (Des Moines)	UT	250	11-15-94
DBM, Inc. (Cedar Falls)	WW	10,000	11-30-94
Hopkinton Municipal Utilities	WS	100	12-24-94
Dave Schmitt Construction Company, Inc. (Cedar Rapids)	AQ	1,000	12-24-94
Pettengill Concrete and Gravel, Inc. (Rock Rapids)	FP	10,000	12-24-94
Donald K. Schmidt (Cedar Rapids)	UT	3,000	12-27-94
American Demolition Corp. of Iowa (Cedar Rapids)	AQ	6,000	-----
Edward Bodensteiner (Des Moines)	UT	3,200	-----
Plantation Village Mobile Home Park (Burlington)	WW	1,000	-----
James and Roxann Neneman; J & R Mini Mart (Council Bluffs)	UT	3,900	-----
William R. Hennessey & Son, Inc. (Cedar Rapids)	UT	2,670	-----
Environmental Recycling Co., Inc. (Massena/Brooks)	AQ/SW	2,000	-----
Tom Babinat d/b/a Tom's Car Care (Grundy Center)	UT	3,600	-----
Richard Beckett (Villisca)	UT	1,300	-----
Bork Transport, Inc. (Des Moines)	UT	1,000	-----
Waste Management & Design, Inc. (Webster City)	WW	7,200	1-10-95

TOTAL 123,990

The following cases have been referred to the Attorney General:

NAME/LOCATION	PROGRAM	AMOUNT	DUE DATE
OK Lounge (Marion)	WS	448	11-01-87
Richard Davis (Albia)	SW	1,000	2-28-88
Eagle Wrecking Co. (Pottawattamie Co.)	SW	300	5-07-89
*Twelve Mile House (Bernard)	WS	119	5-20-89
*Lawrence Payne (Ottumwa)	SW	425	6-19-89

William L. Bown (Marshalltown)	SW	1,000	10-01-89
Wellendorf Trust (Algona)	AQ/SW	460	2-12-90
Donald P. Ervin (Ft. Dodge)	SW	669	3-05-90
Gerald G. Pregler (Dubuque Co.)	SW	1,000	9-02-90
Donald R. Null (Clinton Co.)	AQ/SW	1,000	9-06-90
Robert and Sally Shelley (Guthrie Center)	SW	1,000	3-04-91
Fred Varner (Worth Co.)	SW	950	4-11-91
Honey Creek Camping Resort (Crescent)	WS	245	6-13-91
F.R. Thomas/F.R. Thomas, Jr. d/b/a Clair View Acres Store (Delhi)	WS	1,000	8-04-91
*M & W Mobile Home Park (Muscatine)	WW	200	8-21-91
Vern Starling (Boone Co.)	SW	540	9-15-91
Lloyd Dunton (Iowa Co.)	SW	300	11-07-91
Vernus Wunschel d/b/a Wunschel Oil (Ida Grove)	UT	300	1-12-92
Kenneth Bode (Mills Co.)	SW	300	4-27-92
V.R. Dillingham d/b/a Barb's Service (Everly)	UT	600	5-21-92
Tandem Oak Park Associates (Ft. Dodge)	WS	405	6-03-92
Dick White (Washington County)	AQ	250	8-15-92
Rankin Roofing & Siding Co. (Knoxville)	AQ	500	11-09-92
Tony Hoyt d/b/a Lake Wilderness (Lee Co.)	SW	1,000	1-23-93
Bernard Gavin Veterinary Clinic (Wellsburg)	UT	600	5-02-92
Tim Sharp (Newton)	UT	1,000	1-25-93
Jack Link Truck Line, Inc. (Dyersville)	UT	300	1-25-93
David Young d/b/a Sierp Oil Co. (Casey)	UT	300	2-10-93
Carson Grain & Implement (Coggon)	UT	1,000	8-03-92
Robert Bodwell (Winterset)	UT	300	7-07-93
Richard Newman (Des Moines Co.)	SW	500	11-01-93
Louis Saak d/b/a Saak Oil Co. (Baxter)	UT	1,560	12-25-93
Smith Oil Co.; Franklin Smith (Mt. Ayr)	UT	600	3-31-94
Jay Browns d/b/a Browns Service (Murray)	UT	1,272	4-04-94
Verna and Don Reed; Andrea Silsby (Union Co.)	SW	1,000	4-07-94
Buffalo Bill Estates, Inc. (Clinton Co.)	WS	1,000	6-18-94
The Heights (Monticello)	WS	670	6-23-94

TOTAL 24,113

The following administrative penalties have been appealed:

NAME/LOCATION	PROGRAM	AMOUNT
Sioux City, City of	WW	1,000
Des Moines, City of	HC	1,000
Van Dusen Airport Services (Des Moines)	HC	1,000
Joe Eggers, Jr., et.al. (St. Ansgar)	SW	1,000
McDowell Dam #1 (Lee Co.)	FP	500
Wiota, City of	WS	500
Hickory Hollow Water Co. (Ankeny)	WS	400
Wayne Transportation, Inc. (Greene)	WW	1,000
Mulgrew Oil Company (Dubuque)	HC	500
John Staub d/b/a Mr. Convenient (Burlington)	UT	600
Charles Kerr (Sloan)	UT	600
Stringtown Country Cafe (Lenox)	WS	1,000
Lincoln Farm and Home Service (Henderson)	WW	1,000
Chickasaw Co. SLF, et.al. (Chickasaw Co.)	SW	1,000
Plymouth Cooperative Oil Co. (Hinton)	WW	1,000
LaVerne Rehder (Union)	UT	300
Randy Bonin/Vickie Brannick (Hardin Co.)	SW	500
Dean Hoeness d/b/a Hoeness & Sons (Winterset)	UT	300

Decatur, City of	UT	600
Case Power and Equipment (Decorah)	WS	500
King's Terrace Mobile Home Court (Ames)	WW	500
ITWC, Inc. (Malcom)	AQ	1,000
Lloyd Decker (Floyd Co.)	SW	1,000
Eldon Krambeck (Scott Co.)	AQ	1,000
Waucoma, City of	WS	200
Tracy Below (Hardin Co.)	WW	1,000
Grand Laboratories, Inc. (Larchwood)	WW	1,000
Frank Hulshizer (Benton Co.)	SW	500
Chicago/Northwestern Transp. Co. (Council Bluffs)	HC	1,000
Pirelli Armstrong Tire Corp. (Polk Co.)	SW	1,000
TRS Industries, Inc.; City of Des Moines (Des Moines)	SW	3,000
Land Renu, Inc. (Rockwell City)	SW	1,000
LeMars, City of	WW	5,000
Fine Oil Co.; John and Diane Fine (Appanoose Co.)	AQ/HC/WW	10,000
Economy Solar Corp. (Monticello)	AQ	100
Phil McMains (Appanoose Co.)	SW	4,000
Crane Co. d/b/a Crane Valves (Washington Co.)	SW	500
Donald Udell (Plymouth Co.)	SW	1,000
Daisy H. Gridley Conservatorship, et.al. (Union Co.)	SW	1,000
Mel-Ray Mobile Home Park (Ankeny)	WW	500
Thomas L. Burt, et. al. (Butler Co.)	SW	1,000
Oakwood Park Water, Inc. (Ankeny)	WS	1,000
U.S. Dept. of Defense (Sioux City)	UT	5,720
Blue Spruce Feedlots, Inc. (Pottawattamie Co.)	WW	5,000
Valley Restaurant/Sierp Oil/Mary & Carl Sierp (Villisca)	UT	5,000
Valley Restaurant/Sierp Oil/Robert Radford (Villisca)	UT	2,300
Trust Trucking Corp.; Jim and Brenda Huyser (Lovilia)	UT	840
Orlo Stewart, et.al. (Webster Co.)	SW	1,000
Porcine-New Way Co.	WW	4,000
J.P. Scherrman, Inc. (Farley)	UT	1,160
Walnut Grove Water Company (Davenport)	WS	2,000
Lester D. Davis & Evelyn McKelvogue (Warren Co.)	AQ/SW	5,000
Waverly Gravel & Ready-Mix aka Shell Rock Sand & Gravel (Shell Rock)	AQ	3,000
Anderson Excavating & Wrecking Co. (Waterloo)	AQ	1,000
Farmers Hybrid Companies, Inc. (Keokuk Co.)	WW	4,500
L.F. & Betty Everett; Vern Barker & Donald Knotts, d/b/a Barker & Knotts Construction; and Gene Philips (Ottumwa)	AQ	10,000
Eli Shada (Anamosa)	UT	1,328
James and Robert Brock d/b/a B & B Oil (Ringsted)	UT	1,685
M and D Tire Processing, Inc. (Decatur Co.)	SW	10,000
Merrill, City of	AQ	5,000
Harold Lee (Keokuk Co.)	WW	3,300
Riverside Plating Company (Shell Rock)	WW	1,500
Economy Solar Corp. (Monticello)	AQ	5,000
Toys "R" Us, Inc. (Davenport)	UT	5,560
Coastal Mart, Inc.-Store #1081 (Davenport)	UT	5,320
John Deere Company (Waterloo)	AQ	1,000
Enviro Safe Air, Inc. (Sioux City)	AQ	2,000
Parkwest, Ltd.; Wilbur Numelin; Ricky Lee Anderson (Clear Lake)	UT	2,280
Country Stores of Carroll, Ltd.; Roger Kanne (Carroll)	UT	10,000
Elite, Ltd.; Roger Kanne; James Pietig (Coon Rapids)	UT	3,500
Elite, Ltd.; Roger Kanne; James Pietig (Logan)	UT	3,288
HiWay Texaco, Ltd.; Roger Kanne; Rick Kanne (Bagley)	UT	5,000
Arlo Becker d/b/a Becker's Auto Salvage (Benton Co.)	AQ	3,000
Galva Union Elevator Co. (Galva)	UT	3,100
Farmers Hybrid Companies, Inc. (Hamilton Co.)	WW	5,000

Sara Lee Corporation (New Hampton)	WW	10,000
Creston, City of	WW	1,000
New Hampton, City of	WW	10,000
Joseph L. Ranker; Daryl Hollingsworth (Indianola)	UT	4,000
Larry and Kelly Miller (Ogden)	UT	2,000
K-Mart Corporation/Store #7261 (Des Moines)	UT	6,000
Frontier Cooperative Herbs (Vinton)	AQ	5,000
R.D.J. Farms; Donald Vogt (Van Horne)	UT	1,300
Home Oil Stations; Otto-Matic; Larence Otto (Burlington)	UT	3,000
Winfield S. McKinney; Gary L. McKinney (Union Co.)	WW	1,000
Pella Construction Co., Ltd. (Pella)	WW	10,000
Cotter Elementary School (Cotter)	WS	550
Dickens, City of	WS	550
Colesburg, City of	WS	550
Tom Wiseman (Sheffield)	UT	3,500
Woodlyn Hills (Algona)	WS	275
Lakewood Utilities (Ft. Dodge)	WS	550
Village Oaks Homeowners Assn. (Blue Grass)	WS	550
Pathway Christian School (Kalona)	WS	275
South High Point Well Assn. #2 (Iowa City)	WS	110
Louis Rich Company (Sigourney)	WS	500
Pleasant Creek Estates Assn. (Shellsburg)	WS	275
Kessler's Homeowners Assn. (Iowa City)	WS	275
Iowa City Regency Mobile Home Park (Iowa City)	WS	1,000
Woodburn, City of	WS	550
Cherry Hills Homeowners Assn. (Iowa City)	WS	275
Edinburgh Manor (Anamosa)	WS	200
Windy Ridge Well Assn. (Lisbon)	WS	110
Karl and Thelma Boylan d/b/a Boylan's Service (Northboro)	UT	1,800
Thomas M. Scheetz d/b/a The Depot Food N' Fuel (Oxford)	UT	2,300
Rolling Hills Mobile Home Park (Nevada)	WW	1,000
William Jensen d/b/a B & B Tire & Oil Co. (Avoca)	UT	2,300
Riverview Estates (Iowa City)	WS	275
Crabtree Lake Resort (Rhodes)	WW	5,400
Elmer R. Faust d/b/a Faust Garage & Grocery (Delaware)	UT	2,300
Rome, City of	WS	550
American Coals Corporation-Site #5 (Bussey)	SW/AQ	10,000
H.E.W., Inc. a/k/a Hazardous Environmental Wastes, Inc., a/k/a Algona Roofing & Insulation, Inc. (Algona)	AQ	5,000
Bankston, City of	WS	550
Wunschel Oil, et.al. (Ida Grove)	UT	10,000
David Schultz (Clayton Co.)	WW	2,000
Burke Marketing Corporation (Nevada)	WW	5,000
Chicago & North Western Transportation Co. (Clay Co.)	WW/SW	10,000
Jim Foust (Indianola)	SW	2,175
Green Acres Mobile Home Village I (Evansdale)	WS	550
Titan Wheel International, Inc. (Walcott)	WW	10,000
Ronald Sizemore and Mark Murphy (Eldora)	UT	3,200
First United Methodist Church (Ft. Madison)	AQ	10,000
Mike Murphy d/b/a Hawley Heating & Air (Keokuk)	AQ	10,000
Boomsma's Egg, Inc. (Alden/Galt)	AQ	10,000
Boomsma's, Inc. (Alden)	WW	2,500
A.J. DeCoster (Wright Co.)	AQ	1,000
A.J. DeCoster (Wright Co.)	WW	2,500
George Dolan (Northwood)	UT	3,300
Chuck Widner, Jr. d/b/a E.D.O., Inc. (Glidden)	AQ	2,000
Woodbury County Highway Department (Woodbury Co.)	UT	4,000

Keith Owens and Howard Maurer (Wilton)	UT	3,100
Eagle Lane Corporation (Blue Grass)	WS	275
Twin View Heights (Solon)	WS	500
TOTAL		364,951

The following administrative penalties were paid last month:

NAME/LOCATION	PROGRAM	AMOUNT
Lyle Lorensen (Garwin)	HC	2,000
Vern Starling (Boone Co.)	SW	150
Solvay Animal Health, Inc. (Charles City)	AQ/SW	2,250
Craig Wood (Rudd)	AQ	1,500
Licht Trailer Court (Dubuque)	WS	100
Technical Asbestos Control, Inc. (Davenport)	AQ	500
Midway Oil Co. (Indianola)	UT	200
Raven Corp. & Midway Oil Co. (Toledo)	UT	400
Industrial Energy Applications, Inc. (Cedar Rapids)	AQ	5,000
(CONSENT ORDER)		
Western Hills Mobile Home Estates (Coralville)	WS	100
Dale Hall d/b/a Hall Oil Co. (Des Moines)	UT	50
Iowa-Illinois Thermal Insulation; American Demolition Corp. (Cedar Rapids)	AQ	1,500
John Morrell and Company (Sioux City)	WS	1,000
Verde Water Company-Table Mound #2-Well #1 (Dubuque)	WS	100
Clarke County Sanitary Landfill	SW	3,000
TOTAL		17,850

Penalties assessed to Plantation Village Mobile Home Park (Burlington) and Martin Subdivision (Iowa City) have been rescinded.

Penalties assessed to John Morrell & Company (Sioux City) in Admin. Order 94-WS-52 for \$1,000 was superceded by Admin. Order 94-WS-96.

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Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
AMPC Lytton (3)	Wastewater	Operational Violations	Referred to Attorney General	Referred	8/10/94
Achenbach, Mark Rockford (2)	Underground Tank	Site Assessment	Order	Referred Petition Filed	6/20/94 8/22/94
Advanced Technologies Corp. Cedar Falls (1)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	3/21/94 8/29/94
American Asbestos Training Center, Ltd. Monticello (3)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	3/21/94 8/29/94
American Asbestos Training Center, Ltd. Cedar Rapids (1)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	7/22/94 8/29/94
American Demolition Corp. Cedar Rapids (1)	New Air Quality	Asbestos	Order/Penalty	Referred	10/17/94
Ampel Corporation Des Moines (5)	Updated Air Quality	Construction Without Permit Permit Conditions	Referred to Attorney General	Referred Petition Filed Motion for Partial Summary Judgment DNR Motion to Disqualify Attorney Hearing Date	12/20/93 2/21/94 9/02/94 10/18/94 11/18/94

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Bodwell, Robert Winterset (5)	Underground Tank	Site Assessment	Order/Penalty	Referred Petition Filed	2/21/94 7/21/94
Brokaw, Ray d/b/a The Heights Monticello (1)	Updated Drinking Water	Monitoring/Reporting- Bacteria; Public Notice	Order/Penalty	Referred Motion for Judgment	9/19/94 10/27/94
Browns, Jay Murray (5)	Underground Tank	Site Assessment	Order/Penalty	Referred Petition Filed	6/20/94 8/24/94
Buffalo Bill Estates Clinton Co. (6)	Drinking Water	Monitoring/Repoting MCL - Bacteria	Order/Penalty	Referred	8/15/94
Carson Grain & Implement Co. Coggon (1)	Underground Tank	Site Assessment	Order/Penalty	Referred Petition Filed	10/18/93 12/09/93
Chicago & Northwestern Transportation Co. Blue Chip Enterprises Hawkeye Land Company Iowa Falls (2)	Hazardous Condition	Remedial Action	Order	Petition for Judicial Review Petition for Judicial Review Petition for Judicial Review Order/Change Venue to Hardin Co. Oral Arguments Order Affirmed Supreme Court Appeals Filed Oral Arguments	8/19/91 8/14/91 9/16/91 11/21/91 3/10/93 4/23/93 5/23/93 9/15/94

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Cota Industries, Inc. Des Moines (5)	Hazardous Condition	Remedial Action	Order	Referred Petition for Judicial Review Order Granting Motion to Dismiss Notice of Appeal Affirmed by Supreme Court Petition Filed	4/15/91 4/18/91 7/23/91 8/13/91 10/21/92 4/16/93
Des Moines, City of (5) v. IDNR	Solid Waste	DNR Defendant	Defense	Petition Filed Application for Stay DNR Answer	1/18/94 1/18/94 2/08/94
Dunton, Lloyd Iowa County (6)	Solid Waste	Illegal Disp.	Order/Penalty	Referred Petition Filed	12/16/91 8/26/92
Ecology Enterprises, Inc; Hollis D. DeVoe; Michael Murray; Robert Rausch Chickasaw County (1)	Solid Waste	Illegal Disposal	Referred to Attorney General	Referred Petition Filed Tried to Court	6/15/92 3/04/93 10/19/94
Economy Solar Corp. Ft. Madison (6)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	3/21/94 8/29/94
Economy Solar Corp. Waterloo (1)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	3/21/94 8/29/94

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Economy Solar Corp. Cedar Rapids (1)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	7/22/94 8/29/94
Ervin, Don Webster County (2)	Solid Waste	Operation Without Permit	Order/Penalty	Referred Judgment for \$1,000 Execution & Order to Levy Application to Condemn Funds Partial Payment Received (\$331)	4/16/90 7/13/90 9/28/90 11/27/90 11/30/90
		Permit Violations	Referred to Attorney General	Referred Temporary Injunction Order of Contempt Order Granting Stay Contempt Reversed (Court of Appeals) Application for Further Review Supreme Ct. Reversed Ct of Appeals Order to Serve Sentence Application for Hearing Order Denying Reconsideration of Sentence Trial Date	9/16/91 9/18/91 12/20/91 12/26/91 9/29/92 10/16/92 2/17/93 3/17/93 3/18/93 3/19/93 1/10/95
Giese, William Giese Construction Co. Ft. Dodge (2)	Flood Plain Wastewater	Unauth. Construction Prohibited Discharge	Referred to Attorney General	Referred Petition Filed	7/18/94 10/12/94

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Hall, Dale Des Moines (5)	Updated Underground Tank	Site Assessment	Order/Penalty	Referred Petition Filed Consent Decree (\$300/Admin. & Injunction)	2/21/94 7/21/94 10/20/94
Halsne, Grant d/b/a Halsne, Inc. Decorah (1)	Updated Underground Tank	Site Assessment	Order	Referred Petition Filed Default Judgment (\$5,000/Civil & Injunction)	10/18/93 12/06/93 10/17/94
Harrison County Board of Supervisors (4)	Solid Waste	Operating Violations	Referred to Attorney General	Referred Petition Filed	2/21/94 7/11/94
International Hydroform Pella (5)	Updated Underground Tank	Remedial Action	Order	Referred Petition Filed Trial Date	5/17/93 1/18/94 12/13/94
Jack Link Truck Line, Inc. Dyersville (1)	Updated Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed Trial Date	5/17/93 1/07/94 12/01/94
Jarvis, Marjorie and Terry Strong Council Bluffs (4)	Underground Tank	Closure Investigation	Order	Referred Petition Filed	11/15/93 2/14/94

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Martinez, Vincent d/b/a Martinez Sewer Service Davenport (6)	Hazardous Condition	Remedial Action	Order/Penalty	Referred Petition Filed Partial Default Judgment (Injunction)	2/17/92 12/21/92 10/11/94
McCarty Creek Homeowners LeClaire (6)	Drinking Water	Monitoring/Reporting- Lead & Copper	Order/Penalty	Referred	10/17/94
Bob McKiniss Excavating & Grading v. IDNR	Hazardous Condition	DNR Defendant	Defense	Suit Filed DNR Motion to Dismiss Ruling on Motion to Dismiss and Bifurcation Ruling on Phase I Trial	3/12/91 5/01/91 3/26/92 9/01/93
McNear, Wilbur; Dennis Stoner; Jack & Betty Hawn (4)	Updated Underground Tank	Site Assessment	Referred to Attorney General	Referred Consent Decree (\$2,500/Civil & Injunction)	2/21/94 10/24/94
Moore, Ron d/b/a 63-180 Cafe Malcom (5)	Drinking Water	Mtrg/Rprtng Nitrate; Other	Order/Penalty	Referred Payment Schedule (\$1,000/Adminin.) Motion for Judgment	11/16/92 4/02/93 6/30/94

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Northwood Cooperative Elevator;	Hazardous Condition	DNR Defendant	Defense	Suit Filed DNR Answer Consolidation Order	12/07/92 12/28/92 1/05/93
Worth Co. Co-op Oil				Suit Filed DNR Answer Consolidation Order	12/07/93 12/28/92 3/10/93
Amoco				Suit Filed DNR Answer Consolidation Order	12/15/92 1/04/93 3/10/93
v. IDNR					
Reed, Verna and Don; Andrea Silsby Union Co. (4)	Solid Waste	Illegal Disposal	Order/Penalty	Referred Petition Filed	6/20/94 8/10/94
Relative, Inc ; Doug Smuck Des Moines (5)	Underground Tank	Insurance Violation	Order/Penalty	Referred	10/17/94
Pruess, Harlan Cedar Co. (6)	Hazardous Condition	Clean-Up Costs	Defense	Suit Filed DNR Answer	7/27/93 8/13/93
Saak, Louis d/b/a Saak Oil Co. Baxter (5)	Underground Tank	Site Assessment	Order/Penalty	Referred Petition Filed	3/21/94 9/08/94
Smith, Franklin; Smith Oil Company Mt. Ayr (5)	Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed	4/18/94 7/25/94

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Name, Location and Region Number	Program	Alleged Violation	DNR Action	New or Updated Status	Date
Soldat, Mark S. Kossuth Co.(2) vs. IDNR	Updated Wastewater	DNR Defendant	Defense	Suit Filed Petitioner's Motion for Partial Summary Judgment Answer Hearing Date	9/16/94 10/06/94 10/20/94 10/31/94
Troutman, Jerry L. & Richard Van Buren Co. (6)	Solid Waste	Illegal Disposal	Order	Referred Petition Filed	10/18/93 2/15/94
Waterloo, City of (1)	Wastewater	Discharge Limits	Referred to Attorney General	Referred Petition Filed Trial Date	11/15/93 12/30/93 3/13/95
Waterloo Community School District Waterloo (1)	Air Quality	Asbestos	Referred to Attorney General	Referred Petition Filed	3/21/94 8/29/94
Yentes, Clifford Council Bluffs (4)	Updated Solid Waste	Illegal Disposal	Referred to Attorney General	Referred Petition Filed Consent Decree (\$5,000/Civil & Injunction)	4/20/92 11/23/92 10/20/94
Young, David Sierp Oil Company Casey (5)	Underground Tank	Closure Investigation	Order/Penalty	Referred Petition Filed	5/17/93 12/14/93

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DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1-23-86	Oelwein Soil Service	Administrative Order	WW	-----	Hearing continued.
2-05-88	Warren County Brenton Bank	Administrative Order	UT	Wornson	Awaiting revised SCR.
10-20-88	Worth Co. Co-Op Oil Northwood Cooperative Elevator Sunray Refining and Marketing Co.	Administrative Order	HC	Murphy	Ruling on dismissal/intervention 11/16/92. Petition for Judicial Review. Judicial review hearing continued.
6-08-89	Shaver Road Investments	Site Registry	HW	Murphy	Settlement proposed.
6-08-89	Hawkeye Rubber Mfg. Co.	Site Registry	HW	Murphy	Settlement proposed.
6-08-89	Lehigh Portland Cement Co.	Site Registry	HW	Murphy	Hearing continued. Discovery initiated.
6-22-89	Chicago & Northwestern Transportation Co. Hawkeye Land Co. Blue Chip Enterprises	Administrative Order	HC	Murphy	District court affirms Dept. - 4/23/93. Appealed to Iowa Supreme Court. Arguments - 9/15/94.
10-24-89	Farmers Cooperative Elevator Association of Sheldon	Site Registry	HC	Murphy	Settlement near.
11-03-89	Bridgestone/Firestone, Inc.	Site Registry	HC	Murphy	Hearing continued pending negotiations.
4-23-90	Sioux City, City of	Administrative Order	WW	Hansen	8/94-Follow-up letter to city attorney regarding resolving appeal. 9/94 response from city attorney. 11/1/94 Letter to city attorney regarding appeal.

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5-08-90	Texaco Inc./Chempex Co. Site	Site Registry	HW	-----	Settlement proposed.
5-14-90	Van Dusen Airport Services	Administrative Order	HC	-----	Compliance initiated.
5-14-90	Alter Trading Corp. (Council Bluffs)	Administrative Order	SW	Kennedy	Negotiating before filing.
5-15-90	Des Moines, City of	Administrative Order	HC	-----	Hearing continued. Settlement proposed.
6-20-90	Des Moines, City of	NPDES Permit Cond.	WW	Hansen	EPD met with City to resolve appeal issues. Follow-up meeting to be held.
7-02-90	Keokuk Savings Bank and Trust Keokuk Coal Gas Site	Site Registry	HW	-----	Hearing continued.
7-30-90	Key City Coal Gas Site; Murphy Trust & Howard Pixler	Site Registry	HW	-----	Decision appealed (Pixler). Motion to intervene denied 2/17/91 (Murphy Trust)
8-01-90	J.I. Case Company	Site Registry	HW	Preziosi	Hearing continued.
9-12-90	Michael & Joyce Haws; George H. Gronau	Administrative Order	UT	Wornson	New party has assumed liability. Will dismiss case upon completion of SCR.
10-15-90	Westside General Store Corp.	Administrative Order	UT	Wornson	Settlement letter sent to attorney.
10-18-90	Harlan Pruess	Claim	HC	Murphy	Proposed decision - 2/18/93. Appealed to EPC. Affirmed/modified - 6/21/93. Appealed to Cedar County District Court.

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12-03-90	United States Gypsum Co. Smitty's Oil	Site Registry	HC	Preziosi	Negotiating before filing.
12-27-90	McAtee Tire Service, Inc.	Administrative Order	SW	Kennedy	Hearing continued.
1-07-91	Joe E. Eggers, Jr.; Joe and Mary Eggers	Administrative Order	SW	Kennedy	Hearing continued to further order.
1-09-91	Iowa Southern Utilities	Administrative Order	HC	Preziosi	Hearing continued indefinitely. Working towards settlement.
1-28-91	McDowell Dam #1	Administrative Order	FP	Clark	Negotiating before filing.
3-22-91	Mitchell Bros. Boars and Gilts	Administrative Order	WW	Murphy	Negotiating before filing.
5-20-91	Great Rivers Coop--Lockridge	Site Registry	HC	Murphy	Settlement proposed.
7-15-91	Des Moines Independent School District - North High School	Site Registry	HC	Murphy	Settled.
7-24-91	Alter Trading Corp. (Davenport)	Administrative Order	SW	Kennedy	Negotiating before filing.
9-25-91	Archer Daniels Midland	Administrative Order	SW	Kennedy	Negotiating before filing.
1-07-92	Wiota, City of	Administrative Order	WS	Hansen	8/94-New well almost complete. Letter to facility regarding resolution of appeal. 11/1/94 Follow-up letter regarding appeal.

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1-17-92	Hickory Hollow Water Co.	Administrative Order	US	Hansen	Settlement offer to US. Counter offer 7/13/93. Dept. response on 8/3/93. Facility response 8/11/93. 12/93 Dept. letter to attorney. Construction permit issued for fluoride removal. Facility to be installed by 10/30/94.
1-30-92	Center Oil Co., Inc.	Administrative Order	HC	Murphy	Negotiating before filing.
4-09-92	Wayne Transports, Inc.	Administrative Order	WW	Murphy	Negotiating before filing.
4-15-92	Mulgrew Oil Co.	Administrative Order	HC	Wornson	Settlement letter sent 8/31/94. SCR initiated.
4-24-92	Charles A. Kerr	Administrative Order	UT	Wornson	Financial inability claimed. Requesting document.
5-05-92	Plymouth Cooperative Oil Co.	Administrative Order	WW	Murphy	Negotiating before filing.
5-12-92	Paris & Sons, Inc.	Site Registry	HC	Murphy	Negotiating before filing.
5-15-92	Heartland Lysine, Inc.	Tax Certification	AQ	Preziosi	Negotiating before filing.
5-27-92	Beckett Chevrolet-Olds	Administrative Order	UT	Wornson	Financial inability claimed. Request documents.
6-23-92	Chickasaw County Board of Supervisors, Chickasaw Co. SLF	Administrative Order	SW	Kennedy	Negotiating before filing.
7-01-92	Des Moines Independent School District-North High	Administrative Order	WW	Murphy	Settled.

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8-06-92	Randy Bonin and Vickie Brannick	Administrative Order	SW	Kennedy	Negotiating before filing.
8-24-92	Dean Hoeness d/b/a Hoeness & Sons	Administrative Order	UT	Wornson	Financial inability claimed. Request documents.
9-03-92	Case Power and Equipment	Administrative Order	WS	Hansen	8/26/94-Revised settlement offer received from City. 9/94 response to settlement offer. 10/94 Case resolved. Settled.
9-21-92	ITWC	Administrative Order	AQ	Preziosi	Negotiating before filing.
9-22-92	King's Terrace MHP	Administrative Order	WW	Hansen	8/94-Letter to facility regarding resolution of appeal.
10-06-92	Lloyd Decker	Administrative Order	SW	Kennedy	Negotiating before filing.
10-12-92	Eldon Krambeck	Administrative Order	AQ	Preziosi	Settlement close.
11-13-92	Tracy Below	Administrative Order	WW	Clark	Hearing continued.
11-16-92	Grand Laboratories Inc.	Administrative Order	WW	Hansen	Unacceptable revised work plan submitted. Request acceptable plan by 4/29/94. Letter from facility's attorney 4/94. 5/94 letter to F.O. 3 from company regarding submittal of site assessment. 10/94 Letter to facility attorney regarding site assessment.
11-16-92	Frank Hulshizer	Administrative Order	SW	Kennedy	Negotiating before filing.

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12-14-92	Quantum	Permit Conditions	WW	Hansen	3/30/93 Dept. settlement offer made. 5/03/93 - response from company. Company collecting data. Company response submitted 12/93. EPD to review information regarding permit calculations.
1-22-93	Pirelli Armstrong Tire Co.	Administrative Order	SW	Kennedy	Negotiating before filing.
1-28-93	Midway Oil Company (Indianola)	Administrative Order	UT	Wornson	Penalty paid. Settled.
1-28-93	Raven Corp.; Midway Oil Co. (Toledo)	Administrative Order	UT	Wornson	Penalty paid. Settled.
1-29-93	Case Corporation	Permit Conditions	WS	Hansen	8/94-Revised settlement offer received from facility. 9/94 - Dept. response to settlement offer. 10/94 Settled.
2-19-93	TRS Industries, Inc.; City of Des Moines	Administrative Order	SW	Kennedy	Decision received 9/13/93. Appealed to EPC. Affirmed 12/20/93. Petition for judicial review.
3/09-93	James, William d/b/a Bill James Agencies	Administrative Order	SW	Kennedy	Negotiating before filing.
3/11/93	Land Renu, Inc.	Administrative Order	SW	Wornson	Compliance complete. Negotiating penalty.
4/05/93	Mapleton, City of	WW Operator Certification	WW	Hansen	Under review by EPD - letter drafted.

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4/09/93	Fine Oil Co., Inc.	Administrative Order	AQ/HC WW	Preziosi	Settlement reached pending submission of certain financial documents.
4/12/93	LeMars, City of	Administrative Order	WW	Hansen	Plan of action submitted. Reviewed by EPD. Construction permit issued. 2/94-Schedule submitted by City for remaining construction.
4/16/93	Phil McMains	Administrative Order	SW	Kennedy	Negotiating before filing.
4/19/93	Council Bluffs, City of	Permit Conditions	WW	Hansen	Under review by EPD.
4/21/93	Donald Udell	Administrative Order	SW	Kennedy	Negotiating before filing.
4/26/93	Crane Co.	Administrative Order	SW	Kennedy	Negotiating before filing.
5/23/93	Fellmer Motors	Administrative Order	FP	Clark	Negotiating before filing.
6/17/93	Lawrence Schmitz, Gerald Schmitz, Duane Schmitz, Vernon Schmitz, and Ruth Ann Frieders	Permit Issuance	FP	Clark	Proposed decision 10/17/94.
6/21/93	Jacobs Energy Corp., Inc.	Permit Denial	AQ	Preziosi	Negotiating before filing.
6/23/93	Clement Auto & Truck, Inc.	Administrative Order	UT	Worson	On appeal to District Court. Compliance initiated.
6/29/93	Mel-Ray MHP and Sales	Administrative Order	WW	Clark	Negotiating before filing.

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7/06/93 7/28/93	Dennis E. Good Berniece K. Nease	Administrative Order	UT	Wornson	Negotiating before filing.
7/09/93	Oakwood Park Water, Inc.	Administrative Order	WS	Hansen	Proposal by facility's attorney 7/13/93. Response by Dept. 8/3/93. Response by facility 8/11/93. 12/93 Dept. letter to attorney. Construction permit issued 2/94. Facility to be installed by 11/30/94.
7/20/93	Valley Restaurant/Sierp Oil; Mary & Carl Wierp; and Robert Radford	Administrative Order	UT	Wornson	Hearing set for 12/13-14/94.
7/20/93	U.S. Dept. of Defense	Administrative Order	UT	Wornson	Negotiating before filing.
7/23/93	Blue Spruce Feedlots, Inc.	Administrative Order	WV	Clark	Negotiating before filing.
7/27/93	Trust Trucking Co.	Administrative Order	UT	Wornson	Final decision. Referred to EPC 11/21/94.
8/03/93	Grain Processing Corp.	Administrative Order	AQ	Preziosi	Area declared nonattainment. Hearing continued indefinitely.
8/06/93	Muscantine Power & Water	Administrative Order	AQ	Preziosi	Area declared nonattainment. Hearing continued indefinitely.
8/06/93	Monsanto	Administrative Order	AQ	Preziosi	Settlement close. Drafting consent order.
8/24/93	Green Valley Chemical	Permit Conditions	WV	Hansen	Company to do stream survey 8/94. Survey completed. Meeting to discuss survey 9/11/94.

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9/09/93	Ames Transit Authority	Permit Conditions	AQ	Preziosi	Negotiating before filing.
10/15/93	Bedford, City of	Plant Classification	WW	Hansen	Under review by EPD.
10/25/93	Porcine-New Way Co.	Administrative Order	WW	Clark	Negotiating before filing.
11/04/93	Silver City	Permit Conditions	WS	Clark	Negotiating before filing.
11/15/93	J.P. Scherrman, Inc.	Administrative Order	UT	Wornson	Penalty letter sent.
11/16/93	Iowa Southern Utilities	Permit Conditions	AQ	Preziosi	Settlement close.
11/17/93	Osceola, City of	Permit Conditions	WW	Hansen	Variance request by City regarding monitoring requirements. Under review by EPD. Variance granted by Dept. Letter to City regarding dismissal of appeal.
11/22/93	Walnut Grove Water Co.	Administrative Order	WS	Hansen	Settlement offer sent to company's attorney. Offer accepted. Consent order sent for signatures. 5/94 order issued to facility.
12/13/93	Lester R. Davis and Evelyn McKelvogue	Administrative Order	AQ/SW	Kennedy	Settlement pending.
12/23/93	Waverly Gravel & Ready-Mix aka Shell Rock Sand and Gravel	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/03/94	Farmers Hybrid Co., Inc.	Administrative Order	WW	Clark	Negotiating before filing.

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DATE RECEIVED	NAME OF CASE	ACTION APPEALED	PROGRAM	ASSIGNED TO	STATUS
1/06/94	L.F. Everett and Betty Everett	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/07/94	Eli Shada	Administrative Order	UT	Wornson	Negotiating before filing.
1/13/94	James and Robert Brock d/b/a B & B Oil Co.	Administrative Order	UT	Wornson	Settlement offer pending.
1/18/94	M & D Tire Processing, Inc.	Administrative Order	SW	Kennedy	Settlement pending.
1/18/94	Merrill, City of	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/19/94	Cottage Reserve Corp.	Permit Conditions	WS	Clark	Negotiating before filing.
1/20/94	Gene Phillips d/b/a Phillips Sanitation	Administrative Order	AQ	Preziosi	Negotiating before filing.
1/27/94	Archer-Daniels-Midland	Permit Conditions	AQ	Preziosi	Negotiating before filing.
2/02/94	John Deere Waterloo Works	Tax Certification	WW	Hansen	Negotiating before filing.
2/09/94	Harold Lee	Administrative Order	WW	Clark	Negotiating before filing.
2/10/94	Lyle Lorensen	Administrative Order	UT	Wornson	Penalty paid. Settled.
2/14/94	Economy Solar Corp 94-AQ-04	Administrative Order	AQ	Preziosi	Hearing held 9/13/94. Proposed decision Post-hearing motions outstanding.

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2/15/94	Riverside Plating	Administrative Order	WW	Hansen	Settlement offer received from company regarding penalty.
2/21/94	Toys "R" Us	Administrative Order	UT	Wornson	Compliance initiated. Penalty appealed.
2/25/94	John Deere Waterloo Works	Administrative Order	AQ	Preziosi	Settlement close.
2/28/94	Coastal Mart Davenport	Administrative Order	UT	Wornson	Deficient SCR. Letter sent. Penalty on appeal.
3/01/94	Parkwest Ltd.; Wilbur Numelin; Ricky Lee Anderson	Administrative Order	UT	Wornson	Hearing rescheduled. 11/18/94 continuance filed. Settlement pending.
3/01/94	Enviro Safe Air, Inc.	Administrative Order	AQ	Preziosi	Settlement close.
3/02/94	Waste Mgmt. & Design, Inc.	Administrative Order	WW	Clark	Penalty payment schedule. Settled.
3/03/94	Burlington Northern Railroad	Tax Certification	WW	Hansen	Negotiating before filing.
3/08/94	Country Stores of Carroll, Ltd.; Elite Ltd.; Roger Kanne; James Pietig (Logan) (Coon Rapids)	Administrative Order	UT	Wornson	SCR overdue. Letter sent. Penalty on appeal. Compliance initiated.
3/10/94	Solvay Animal Health, Inc.	Administrative Order	AQ/SW	Kennedy	Penalty paid. Settled.

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3/15/94	Iowa-Illinois Thermal Insulation, Inc.	Administrative Order	AQ	Preziosi	Settled.
3/17/94	Arlo Becker d/b/a Becker's Auto Salvage	Administrative Order	AQ	Kennedy	Settlement pending.
4/19/94	Galva Union Elevator Co.	Administrative Order	UT	Wornson	SCR submitted. Negotiating penalty.
5/09/94	Sara Lee Corporation	Administrative Order	WW	Murphy	Negotiating before filing.
5/09/94	Farmers Hybrid Co., Inc.	Administrative Order	WW	Clark	Negotiating before filing.
5/10/94	Clarke County SLF	Administrative Order	SW	Kennedy	Penalty paid. Settled.
5/11/94	Creston, City of	Administrative Order	WW	Hansen	EPD meeting with City 10/28/94.
5/19/94	New Hampton, City of	Administrative Order	WW	Murphy	Negotiating before filing.
5/23/94	Newton, City of; Leland C. Faidley; Robert & Lynn Van Maaren; Doyle Churchill; Lucille Loar; Melburn & Jayne Clymer	Permit Issuance	FP	Clark	Hearing set for 12/5/94.
5/27/94	Joseph L. Ranker ; Darl Hollingsworth	Administrative Order	UT	Wornson	Compliance initiated.
6/03/94	Maquoketa, City of	Administrative Order	WW	Hansen	Negotiating before filing.

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6/08/94	Larry & Kelly Miller	Administrative Order	UT	Wornson	Compliance initiated.
6/10/94	Frontier Cooperative Herbs	Administrative Order	AQ	Preziosi	Settled.
6/14/94	K-Mart Corp./Store #7261	Administrative Order	UT	Wornson	Compliance initiated.
6/15/94	Winfield Scott McKinney; Gary L. McKinney d/b/a Harmony Creek Farms	Administrative Order	WW	Hansen	To be sent to DIA.
6/15/94	Lakeview Heights	Permit Conditions	WS	Hansen	Facility proposal under review by WS.
6/20/94	R.D.J. Farms and Donald Vogt	Administrative Order	UT	Wornson	Compliance initiated.
6/24/94	Griffith Oil Corp.	Administrative Order	UT	Wornson	Compliance initiated.
6/24/94	Larence Otto	Administrative Order	UT	Wornson	Compliance initiated.
6/28/94	Woodburn, City of	Administrative Order	WS	Hansen	Negotiating before filing..
6/29/94	Colesburg, City of	Administrative Order	WS	Hansen	10/17/94 Settlement offer to City.
7/01/94	Pella Construction Co.	Administrative Order	WW	Hansen	To be sent to DIA.
7/01/94	Louisa-Muscatine Community School District	Administrative Order	WS	Clark	Settled.

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7/05/94	Cotter Elementary School	Administrative Order	WS	Clark	Negotiating before filing.
7/05/94	Iowa City Regency MHP	Administrative Order	WS	Clark	Negotiating before filing.
7/06/94	Dickens Water Works	Administrative Order	WS	Clark	Negotiating before filing.
7/07/94	Rose Bar Tire Shredding	Administrative Order	SW	Kennedy	Negotiating before filing.
7/12/94	Woodlyn Hills	Administrative Order	WS	Hansen	Negotiating before filing.
7/12/94	Tom Wiseman	Administrative Order	UT	Wornson	New case. Appeal untimely.
7/15/94	Village Oaks Homeowners	Administrative Order	WS	Hansen	Negotiating before filing.
7/18/94	Silver City	Permit Conditions	WS	Hansen	8/16/94-Settlement offer to City. 11/1/94-Follow-up letter to City.
7/19/94	Lakewood Utilities	Administrative Order	WS	Clark	Negotiating before filing.
7/20/94	Pathway Christian School	Administrative Order	WS	Clark	Negotiating before filing.
7/20/94	Pleasant Creek Estates	Administrative Order	WS	Hansen	Negotiating before filing.
7/21/94	Hickory Hills Subdivision	Administrative Order	WS	Hansen	Negotiating before filing.
7/21/94	Green Acres MH Villa I	Administrative Order	WS	Clark	Negotiating before filing.

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7/25/94	Nishna Valley Schools	Administrative Order	WS	Clark	Settled.
7/25/94	South High Point Well #2	Administrative Order	WS	Clark	Negotiating before filing.
7/25/94	Louis Rich Co.	Administrative Order	WS	Hansen	8/30/94 settlement offer to facility.
7/25/94	Kesslers Homeowners Assn.	Administrative Order	WS	Clark	Negotiating before filing.
7/25/94	Riverview Estates	Administrative Order	WS	Hansen	Negotiating before filing.
7/25/94	ACC Chemical Co. Getty Chemical Co.	Permit Conditions	WW	Hansen	Hearing set for 1/5/95.
7/27/94	Twin View Heights	Administrative Order	WS	Hansen	Negotiating before filing.
7/27/94	Eagle Lane Corporation	Administrative Order	WS	Hansen	Negotiating before filing.
8/09/94	Cherry Hills Subdivision	Administrative Order	WS	Clark	Negotiating before filing.
8/10/94	Edinburgh Manor	Administrative Order	WS	Clark	Negotiating before filing.
8/12/94	Windy Ridge Well Assn.	Administrative Order	WS	Clark	Negotiating before filing.
8/12/94	Karl and Thelma Boylan d/b/a Boylan's Service	Administrative Order	UT	Wornson	Compliance initiated.
8/18/94	Thomas Scheetz d/b/a The Depot Food & Fuel	Administrative Order	UT	Wornson	Negotiating before filing.

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8/22/94	Rolling Hills MHP	Administrative Order	WW	Hansen	Negotiating before filing.
8/29/94	Atlantic, City of	Administrative Order	WW	Hansen	Under review by EPD.
8/29/94	B and B Tire and Oil	Administrative Order	UT	Wornson	Negotiating before filing.
8/30/94	HWH Corporation	Permit Denial	AQ	Preziosi	Negotiating before filing.
9/01/94	Elmer R. Faust d/b/a Faust Garage & Grocery	Administrative Order	UT	Wornson	Compliance initiated.
9/02/94	Crabtree Lake Resort	Administrative Order	WW	Hansen	Settlement meeting 11/02/94.
9/02/94	Jay Anderberg; Diane McKellip	Administrative Order	UT	Wornson	Notice hearing. Petition due.
9/06/94	HEW, inc.	Administrative Order	AQ	Preziosi	Negotiating before filing.
9/09/94	American Coals Corp.	Administrative Order	SW/AQ	Kennedy	Bankruptcy filed.
9/12/94	Rome Water Supply	Administrative Order	WS	Clark	Negotiating before filing.
9/12/94	Charles Morrison; Bill Hinon; Marie Hinman; Robert Bennett, et.al.	Permit Issuance	FP	Clark	Negotiating before filing.
9/15/94	David L. Schutz	Administrative Order	WW	Clark	Negotiating before filing.

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9/15/94	Bankston	Administrative Order	WS	Hansen	Negotiating before filing.
9/16/94	Wunschel Oil Co.; Vernus Wunschel; Jacquelyn Wunschel; Mark Wunschel (Ida Grove)	Administrative Order	UT	Wornson	Negotiating before filing.
9/19/94	Burke Marketing Corp.	Administrative Order	WW	Hansen	Negotiating before filing.
9/23/94	Chicago and Northwestern Transportation Co.	Administrative Order	SW/WW	Murphy	Negotiating before filing.
9/26/94	James D. Foust	Administrative Order	SW	Kennedy	Negotiating before filing.
10/07/94	Titan Wheel International	Administrative Order	WW	Hansen	New case.
10/17/94	First United Methodist Church	Administrative Order	AQ	Preziosi	New case.
10/19/94	Ronald Sizemore; Mark Murphy	Administrative Order	UT	Wornson	New case.
10/25/94	Mike Murphy d/b/a Hawley Heating & Air	Administrative Order	AQ	Preziosi	New case.
10/26/94	Boonsma's Inc.	Administrative Order	WW	Clark	New case.
10/26/94	A. J. DeCoster	Administrative Order	WW	Clark	New case.

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10/26/94	Boonsma's Inc.	Administrative Order	AQ	Preziosi	New case.
10/26/94	A. J. DeCoster	Administrative Order	AQ	Preziosi	New case.
10/27/94	George Dolan	Administrative Order	UT	Wornson	New case.
10/27/94	Chuck Winder d/b/a E.D.O., Inc.	Administrative Order	AQ	Preziosi	New case.
10/31/94	Woodbury Co. Highway Dept.	Administrative Order	UT	Wornson	New case.
10/31/94	Keith Owens; Howard Maurer	Administrative Order	UT	Wornson	New case.

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

6

INFORMATION

TOPIC

Section 319 NPS Projects

The Commission will be presented with information on the various non-point source (NPS) pollution control projects the Department has funded or is currently funding with grant funds provided to the Department under Section 319 of the Clean Water Act. The Commission requested this information at their September meeting.

Allan Stokes
Administrator
Environmental Protection Division

October 31, 1994

EPC Status Report: Section 319 Program

Project: Centerville City Reservoirs Protection Project

The upper and lower Centerville Reservoirs supply over 200 million gallons of drinking water per year to area businesses, industry and to over 6,000 residents of the City of Centerville. The reservoirs also provide wildlife habitat and serve as a recreational resource for activities such as camping, fishing and boating. Both reservoirs are being impacted by sediment, nutrients, and pesticides contained in runoff from the 2,599 acres watershed areas. Protecting water quality in these reservoirs is vital because of their multiple uses and because alternative drinking water sources of this magnitude in this area of the state are either prohibitively expensive or nonexistent.

The Centerville City Reservoirs Protection Project is entering its second year. Section 319 funds have supported this three year project to hire a part-time staff position and provide cost-share or other financial incentives for Best Management Practices (BMPs). The major objective of this project is the protection of water quality in the reservoirs by implementing soil erosion controls and other BMPs in the watershed area; construction of wetland areas; and publication of information and education materials on how to protect the water quality of the reservoirs.

Project Status and Major Accomplishments:

Other state and federal agencies are also providing funds to cost-share implementation of actual management practices. The funding awarded totals \$189,165 for the duration of the three year project. Project accomplishments include:

- Published eleven articles on water quality related subjects to the project;
- Promoted project to twenty landowners and developed eight water quality plans for landowners;
- Held a conservation field day, in which various conservation practices were demonstrated;
- Completed five radio talk shows;
- Completed critical area seeding on eighteen acres;
- Completed seeding on ninety-one acres, conservation tillage on 208 acres, 2,600 feet of field borders, 3.2 acres of grassed waterways and 60.7 acres of contour;
- Constructed two sediment control basins;
- Videotaped a proposed area for lower reservoir wetland construction for use in informing an out of state landowner on the extent of the project;
- Completed cost estimates for seventeen acres of native grass seeding;
- Trained cooperators on how to measure the percentage of residue left on the field and do the late spring N test;
- Identified a road for Integrated Roadside Vegetation Management;
- Held a crop scouting meeting and a rotational grazing meeting;
- Taught 2 FFA chapters how to measure residue and layout contour lines; and
- Held a well closing demonstration and closed one well.

EPC Status Report: Section 319 Program

Project: West Lake Water Quality Protection Project - Clarke County

Initiated in 1990, the West Lake Water Quality Protection Project is entering the fifth and final year. The primary objective of the project is to protect and improve the water quality of the reservoir for use as a water supply for the community of Osceola, Iowa. Secondary benefits of the project include the enhancement of the recreational uses and wildlife habitat of the lake. The lake is being impacted by sediment, nutrients and pesticides in cropland runoff in the lake's watershed. To address these problems ten Resource Management Options consisting of combinations of practices were designed to meet the needs of the farmer, and protect water quality.

In 1992 the project was modified to include Nutrient and Pest Management to address high levels of pesticide's in the reservoir. As a result of voluntary actions by farmer's the use of triazine herbicides in the project area have been reduced. However, it is too soon to determine how pesticide levels in the lake will respond to the reduction in use. Monitoring of raw water indicated a decline of triazine herbicides in the lake from 1991 through the spring of 1993. However, herbicide levels increased in the summer of 1993 followed by a decline in the fall perhaps due in part to record precipitation diluting herbicide levels.

Project Status and Major Accomplishments

Project activities were hampered in crop year 1993 due to record wet conditions. Less than 75% of the crop acres in the watershed were planted and even less were harvested. To date, major project accomplishments as a result of implementing the Resource Management Systems and the Nutrient and Pest management program include:

- contracts with nine producers (who farm over 900 acres) to adopt Resource Management Systems (RMS) that consist of soil conservation tillage/planting options,
- the construction of over 17,500 feet of terraces that protect over 100 acres from soil erosion,
- over 30 acres of pasture protected with improved management practices,
- an estimated reduction in soil erosion losses of 6 tons/ acre for a total estimated reduction of 8,000 ton/year for the acres under contract and additional acres voluntarily cooperating with the project without contracts.
- construction of a grade stabilization structure with shut-off valve, protecting lake from potential hazardous waste spill off interstate highway.
- an increased awareness and interest in the economic advantages of improved nutrient and pest management practices and a raised concern for protection of the water quality of West Lake by crop and livestock producers who live in the watershed.

EPC Status Report: Section 319 Program

Project: Carroll County Livestock Pollution Abatement Program

Carroll County is a population and agricultural hub for West Central Iowa. The County is also a leader in Iowa's livestock industry, marketing the second-highest number of grain-fed cattle and the fifth highest number of hogs in Iowa. Annual manure production in the county is estimated at 1.5 million tons, and 75% of the manure is considered to be mismanaged.

The Carroll County Livestock Pollution Abatement Program is entering its second year. Section 319 funds have supported this three year project to hire a full-time project coordinator to develop and demonstrate environmentally safe total manure management systems that can be integrated into productive livestock operations. The project encourages producers within the county to effectively utilize nutrients from livestock manure to decrease their inputs of commercial fertilizer and chemicals. Information dissemination methods include: field day tours, presentations, newsletters, and news media releases. The results are expected to contribute to protecting and improving ground and surface waters on a county wide basis by reducing excess applied nutrients and controlling runoff of animal manure.

Project Status and Major Accomplishments:

The funding awarded totals \$135,00 for the duration of the three year project. Project accomplishments to date include:

- Provided technical assistance to thirty-three producers. Assistance activities included : site assessments, construction recommendations, manure sampling techniques and updating farmers on IDNR regulations and guidelines;
- Published four articles in the district's quarterly newsletter on different aspects of manure management;
- Completed sixteen radio talk shows concerning the project and manure management;
- Completed a three day agricultural-waste training for project staff;
- Established a one acre manure demonstration plot, held two field days with over 90 people attending, cumulative;
- Held Manure Management in the 90's workshop to train Carroll County's crop specialists, sales agronomists, and co-op managers in nutrient management of manure;
- Developed seven nutrient management plans. Implementation of these plans could save the producers \$26,307, and reduce commercial nutrient applications by 43,588 lbs of Nitrogen, 43,874 lbs of Phosphorous, and 61,200 lbs of Potassium;
- Constructed three SCS designed animal waste systems since the beginning of the project; and
- Planned a Manure Happens.....Take Credit conference for January 1995.

EPC Status Report: Section 319 Program

Project: Staff Position - Iowa Great Lakes - Dickinson County

The Iowa Great Lakes Water Quality Protection Project is entering its fifth year. Section 319 funds have supported a full-time project coordinator to implement a comprehensive program to reduce nonpoint source pollution of the lakes by implementing; soil erosion control practices; nutrient (phosphorus) and pest management practices; and promoting proper storage and utilization of livestock manure. Other activities of the strategy include: identifying critical areas in the region for wetlands restoration and protection through conservation easements; conducting educational programs for agricultural and urban landowners on proper fertilizer and pesticide use and on the use and disposal of hazardous household chemicals (oil, paint, etc.). Other state and federal agencies and private organizations have provided funds to cost-share implementation of actual management practices.

Project Status and Major Accomplishments::

A staff change in the coordinator position occurred in 1993 which slowed the progress of the project. The project sponsors have applied for a two year extension of the project through FY97. Project accomplishments include:

- Thirty-one (31) wetland restoration or enhancement projects have been completed since 1991 affecting over 860 acres in the Great Lakes watershed.
- 724 acres of grass and tree cover has been established in the form of buffer strips, CRP, grassed waterways, wind breaks, and wildlife cover.
- The five highest priority subwatersheds of the lakes region have been identified to be the focus of future wetland projects. Within these subwatersheds, 15 high priority existing or restorable wetland basins have been identified for priority protection and enhancement efforts.
- Sixty soil conservation plans have been developed resulting in a reduction of soil erosion on over 3,500 acres of cropland in the Iowa Great Lakes watershed. An estimated reduction in soil erosion of 36,750 tons in 1994 alone resulted from these soil conservation practices.
- Use of public education programs such as "Lines on the Land" program for children about agriculture and water quality is completed. Annual **Outdoor Classroom Programs** on soil and water conservation for grade school students are held each fall, and "Protecting the Legend"- a slide show is shown daily at the Iowa Great Lakes Maritime Museum on wetlands and lake water quality. 35,400 people see the slide show annually and fifty public presentations have been made.
- **Urban Clean Lakes Program** - educates lake residents how to reduce fertilizer and chemical run-off into the lakes. An accompanying lawn care seminar is held annually which includes a brochure distributed to all lakes residents.
- **Clean Water Alliance News** - Over fifty news articles have been printed on topics such as wetlands, lake ecology, and water and soil conservation.

EPC Status Report: Section 319 Program

Project: Floyd County Groundwater Protection Project

Section 319 funds support a full-time Environmental Specialist (ES) in the Floyd County Groundwater Protection Project. The ES assists farmers implement Best Management Practices (BMPs) that protect groundwater from nonpoint source pollution from excessive nutrient and pesticide application and sediment from soil erosion that may enter groundwater through sinkholes and agricultural drainage wells. In addition, the ES directs the project's educational activities informing farmers of the importance of protecting groundwater. The Division of Soil Conservation (DSC) and other state agencies contribute cost-share funds to implement the BMPs. A staff change in the ES position in the third year of the project caused some delay in project activities.

Project Status and Major Accomplishments:

The Floyd County Groundwater Protection Project is entering the fifth and final year. The major accomplishments of the project are listed below.

- Completion of the Floyd County Agricultural Drainage Well (ADW) inventory: 92 ADWs were registered and mapped, 9 ADWs have been closed voluntarily and 13 ADWs are scheduled for closure with cost-share assistance.
- The sinkhole inventory will be completed in 1995, facilitates improved sinkhole management and groundwater protection. The inventory has identified 190 sinkholes. In 1994, 25 sinkhole inventories were completed and one buffer strip easement was established.
- Fifteen sinkholes have been cleaned out through the annual sinkhole clean-up events.
- An annual pesticide container disposal event promotes proper container disposal and groundwater protection - To date 5,850 containers have been processed.
- Eight manure management plans that consider manure volume and nutrient value, soil nutrient content (through soil testing), and nutrient needs of the crop rotation have been completed to optimize use of manure as a nutrient source.
- Nine groundwater management plans that assess the potential for groundwater contamination from on-farm ag-chemical storage, handling, mixing and application practices have been completed.
- Twelve farm wells are sampled twice a year for nitrate, bacteria and pesticide levels in groundwater in the project area.
- Eight producers have enrolled 2,227 acres in the Integrated Crop Management (ICM) program to improve nutrient and pesticide use.

EPC Status Report: Section 319 Program

Project: Beeds Lake Water Quality Project

Beeds Lake is located just two miles northwest of Hampton, within Beeds Lake State Park in Franklin County, and in the 18,966 acre Spring Creek Watershed. The 100 acre publicly-owned lake was built in 1937 by the Civilian Conservation Corps. There was a total of 226,994 visitations at the lake and park for camping and water-dependent recreation in 1991.

The Beeds Lake Project got underway in March of 1994. The project is giving priority to a 5,500 acre sub-watershed that has been identified as the source of approximately 80 percent of the lake's water quality impairment problems. Spring Creek, the major stream entering Beeds Lake, has extreme streambank erosion and carries significant sediment from field run-off into the lake. There are six livestock operations within the watershed, and two of these are within 2 miles of the creek. Improved waste management for these two, a cattle feedlot of 400 head and a confinement system for 10,000 hogs, will be a goal of the project.

Practices needed to protect and improve water quality of Beeds Lake are Integrated Crop Management, grassed waterways, grass/tree filter strips, no-till, sediment control basins, terraces, and stream channel stabilization.

Project objectives are to: reduce annual siltation by 70%; reduce nutrient loading by establishing animal waste management systems and implementing other waste management practices; reduce pollutant runoff by implementing a nutrient and pest management program and other BMPs on 40 farms, reduce erosion on 2,000 feet of streambank with willow plantings; and serve as a BMP demonstrations site for Franklin and neighboring counties.

Project Status and Accomplishments:

- As the project was initiated in March 1994, major efforts to date have focused on informing local residents about the project and completing needed watershed assessments. Staff was hired and training initiated. Planning accomplishments included inventory of areas where gully control structures and terraces are needed and the scheduling of construction for erosion control structures.
- Public information activities conducted included: conducting a Spring Tillage Fair (350 attendees); completion of a project fact sheet; a mailing to local residents describing the project; and project publicity interviews and presentations.
- A water quality monitoring program has been initiated with samples collected in July 1994.
- Activities scheduled for completion by the end of 1994 include: installation of: 33,500 ft. of tile/outlet terraces and 400 ft. of grassed waterways; development of Water Quality Resource Management Plans for 17 farms that include 2,494 acres of the watershed; and, initiation of nutrient and pest management practice implementation on 609 acres.

EPC Status Report: Section 319 Program

Project: Pine Creek (Upper and Lower Pine Lakes) Water Quality Project

Upper and Lower Pine Lakes are located in north-central Iowa within Pine Lakes State Park. Lower pine Lake has a surface area of 65 acres and was constructed in 1935 as the first state owned, artificial lake in Iowa. Upper Pine Lake was constructed in 1935 and has a surface area of 75 acres. The Pine Lakes Park is a heavily used resource with over 500,000 people using the park every year for recreation such as fishing, swimming, boating, and picnicking.

The lakes are located within the 9,680 acre Pine Creek watershed of which has 7,958 acres (82%) in crop production. A recently completed EPA Clean Lakes Diagnostic/Feasibility Study documented that both reservoirs were being severely impacted by the movement of sediment and nutrients from eroding croplands in the watershed. For example, Lower Pine Lake had lost 48% of its original volume to sedimentation. Sediment and frequent algal blooms impact the lakes' fisheries and impair suitability for recreational uses. This project complements the ongoing Pine Lakes' restoration efforts being supported by the EPA Clean Lakes Program.

Project cooperators are voluntarily implementing a variety of BMPs to protect the Pine Lakes. They include: terracing and other erosion control structures, grass waterways, conservation tillage, and the establishment of wetlands and permanent vegetative cover. Additionally, an intensive nutrient and pesticide management program is being conducted and farmer-to-farmer meetings used to inform producers on innovative practices. Initiated in April of 1993, the Section 319 program is one of several key programs contributing to this multi-agency water protection effort. Other programs include USDA Water Quality Incentive Program and Iowa Publicly Owned Lakes Program.

Project Status and Accomplishments:

- Resource Management Plans have been developed on 4,241 acres or 56% of the land in the watershed.
- A conservation tillage workshop held in March 1994 had 34 participants. Seven radio interviews on varied conservation topics were conducted in FY94 and three newsletters publicizing the project were mailed to over 5000 owners and operators of land in Hardin and Grundy Counties. Two field days held in August attracted 62 participants.
- Structural practices installed include installation of eight grass waterways occupying 19.6 total acres and one terrace (3700 ft.). These practices have saved an estimated 900 tons of soil. The following table shows practices planned and implemented in the period April 1993 through November 1994.

Pine Lakes Project continued:

Practices Planned and Implemented

<u>BMP</u>	<u>Planned 93-97*</u>	<u>Implemented by Nov. 94**</u>
No Till	2149 acres	1311 acres
Contour Farming	435 acres	355 acres
Cover Crop System	56 acres	56 acres
Nutrient & Pest Management	4099 acres	3794 acres
Record Keeping	4099 acres	3794 acres
Waste Management Systems	146,562 ft ³	0
Grassed Waterways	50 acres	19.6 acres
Grade Stabilization Structures	3	3
Terraces	10,000 ft	3,700 ft
Sediment Control Basins	1	1
Critical Area Plantings	4.6 acres	4.6 acres
Livestock Exclusion	54 acres	54 acres
Riparian/Streambank	2	0
Wildlife - Upland Habitat Mgmt.	27 acres	0
Wildlife - Wetland Habitat Mgmt.	7 acres	0

* Practices planned - to be implemented during period April 1993 through October 1997

** Practices implemented during period April 1993 through November 1994

EPC Status Report: Section 319 Program

Project: Upper Big Mill Creek Cold Water Stream Protection Project - Jackson County

The Upper Big Mill Cold Water Stream Project is beginning the second year of a three year project to protect and improve water quality by reducing sediment and nutrient pollution of the creek. Big Mill Creek is one of only six high quality cold water streams that supports a naturally reproducing population of brown trout. Section 319 and State Water Protection funds support an Environmental Specialist position, as well as the construction of structural and crop management practices, spring and stream protection practices, and in-stream habitat improvement measures.

Project Status and Major Accomplishments

The project was initiated in the spring of 1994. Project accomplishments to date are limited primarily to "start-up" activities such as: inventorying area resources; holding organizational meetings; demonstrations and promotional events to promote best management practices; and introducing the project to area landowners and soliciting their interest and participation in the project. Project accomplishments include:

- Introductory contact completed with all (42) area landowners through a "Kickoff" meeting and several news releases to the general public.
- A Project Advisory Committee will assist in planning and implementing project activities. The committee includes area landowners, a SWCD commissioner, a representative of ISU Extension and the project coordinator.
- Thirty "Lunker Hide" habitat structures have been installed along the creek.
- The Izaak Walton League's: Save Our Streams monitoring plan was initiated in January 1993 and will monitor stream conditions at seven locations on a quarterly basis.
- Stabilization practices are complete along 660 feet of critically eroding stream bank.
- Approximately 1000 acres in the watershed are enrolled in the Nutrient and Pest management program which will be initiated in 1995.
- Four spring protection projects and one livestock exclusion project have been completed, all without cost-share assistance.
- Thirty-five farm water quality inventories have been completed.

EPC Status Report: Section 319 Program

Project: Cedar Rapids Area Construction Site Erosion Demonstration Project

The city of Cedar Rapids (pop. 150,000) and several adjacent communities are experiencing rapid expansion in residential, commercial, and industrial construction and area streams are being impacted by sediment from construction site activities. Between 65 and 70 percent of the soils within the metropolitan area are identified as highly erodible with soil loss potentials for graded, unvegetated land that range from 20 tons to 140 tons per acre per year.

Objectives include: to demonstrate the technical and economic feasibility and effectiveness of construction site erosion control practices to developers, contractors, government officials, engineers, and realtors; to provide training to these cooperators in the selection, design, and installation of effective construction site erosion control practices that meet or exceed the minimum requirements of the NPDES stormwater permits; and, to work with city and county officials in developing an effective, reasonable, and enforceable model construction site erosion control ordinance.

This project will specifically address construction site nonpoint source pollution which is impairing streams in the Cedar Rapids urban area. The project will demonstrate a combination of conventional and innovative measures to control construction site erosion at a number of sites of various types through the cooperative efforts of project staff, consultants, and local contractors and builders. Cooperating consultants and contractors will receive training in designing and implementing construction site erosion control plans and practices. The effectiveness of construction site plans and BMPs will be evaluated through sediment monitoring. Additionally, a model construction site erosion control ordinance will be developed to provide guidance to government officials for effectively dealing with this problem.

Project Status and Accomplishments:

- A project coordinator was hired in June 1994 and has completed two weeks of training on planning and implementation of conservation practices.
- Application forms were developed and distributed to potential project cooperators and visits made to a number of potential demonstration sites to assess their suitability.
- A project advisory committee was formed.
- Three sites have been secured for development and use as demonstrations and signs made for placement at the sites.
- Erosion control plans are being developed in cooperation with 2 contractors, 2 engineers, and 4 developers
- An article publicizing the project appeared in the August 26th Cedar Rapids Gazette.

EPC Status Report: Section 319 Program

Project: Lake Keomah Watershed Water Quality Project

Lake Keomah is an 84 acre multiple use man-made reservoir located in Mahaska County. Lake use includes: fishing, swimming, boating and wildlife habitat. Since its construction, Lake Keomah has lost 25% of its volume due to sedimentation from its 1,950 acre watershed. Water quality in the lake is being impaired by sediment, pesticides and nutrients entering the lake from the watershed's agricultural land, from Keomah Village, a village of 99 people, located along the east shore of the lake and contributing to the lake's problems with residential nonpoint source pollution, and from four livestock operations in the watershed area, with two directly impacting the lake. These impairments have resulted in steadily declining use of the lake as a recreational area.

The Lake Keomah Watershed Water Quality Project is entering its second year. Section 319 funds for this four year project support a half-time project coordinator and provide cost share or other financial incentives for Best Management Practices (BMPs). The project plans to reduce nonpoint source pollution of the lake by implementing soil erosion control practices; nutrient and pest management practices; and promote and achieve participation by local lake area citizens in other lake protection activities.

Project Status and Major Accomplishments:

Other state and federal agencies are also providing funds to cost share implementation of comprehensive management practices. Section 319 funding awarded totals \$89,832 for the duration of the project. Project accomplishments include:

- Constructed four sediment basins and one siltation dam;
- Published fourteen articles on different best management practices;
- Held meetings to demonstrate late spring N test and measurement of crop residue on the field, on ICM program, and on crop scouting;
- Completed eight water quality plans with landowners;
- Constructed 4,400 feet of terraces, 3,150 feet of field borders, 10.5 acres of grassed waterways, completed 195 acres of conservation tillage, and 589 acres of Integrated Crop Management (ICM);
- Tested three livestock wells and closed three wells; and
- Promoted the project to fifteen landowners.
- Held meetings for Keomah Village residents on lawn care and abandoned wells.

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

7

INFORMATION

TOPIC

Report on Drinking Water Quality

In October, 1994 a report was released by the Environmental Working Group that presented information on pesticides in drinking water. The report, "Tap Water Blues", identified five pesticides of concern and was targeted primarily at midwest states because of the amount of pesticides used in the midwest.

At the November, 1994 Commission meeting, staff will present information on the contents of the Environmental Working Group's report and how their results compare to the quality of drinking water in Iowa.

Allan Stokes
Administrator
Environmental Protection Division

October 31, 1994

IOWA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION COMMISSION

ITEM

8

DECISION

TOPIC

Interagency Agreement for the Small Business Ombudsman Program Pursuant
to Section 507 of the Clean Air Act Amendments of 1990

The Commission will be asked to approve an interagency agreement between the Department and the Office of Citizens' Aide / Ombudsman for Iowa. This agreement sets forth each agency's respective role in the small business assistance program which is part of the Title V operating permit program mandated by the Clean Air Act Amendments of 1990.

The staff of the Office of Citizens' Aide/Ombudsman receive and investigate complaints from small businesses about air pollution control regulations, administrative actions of Iowa state, and local governmental agencies, the staff provide information in response to questions about an agency, and may make referrals to other agencies or organizations for assistance or information related to air pollution control regulations.

The Agreement covers the period of December 1, 1994 through September 30, 1995. The cost of the Agreement is \$74,500.00.

Allan Stokes
Administrator
Environmental Protection Division

October 28, 1994

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

9

DECISION

TOPIC

Interagency Agreement for the Small Business Assistance Program Pursuant to
Section 507 of the Clean Air Act Amendments of 1990

The Commission will be asked to approve an interagency agreement between the Department and the University of Northern Iowa. This agreement sets forth each agency's respective role in the small business assistance program which is part of the Title V operating permit program mandated by the Clean Air Act Amendments of 1990.

The staff of the Iowa Waste Reduction Center at the University of Northern Iowa provide various assistance services to small businesses to help them react to and comply with the operating permit program requirements and eventually will serve as the secretariat to the Compliance Advisory Panel.

The Agreement covers the time period of October 1, 1994 through September 30, 1995. The cost of the agreement is \$210,000.00.

Allan Stokes
Administrator
Environmental Protection Division

October 24, 1994

**Iowa Department of Natural Resources
Environmental Protection Commission**

ITEM

10

DECISION

TOPIC

Notice of Intended Action - Chapter 22, Air Construction Permits

Attached is a Notice of Intended Action which amends Chapter 22 by revising the list of exemptions to the air construction permit requirement, specifying that the department may limit hazardous air pollutant potentials to emit in construction permits so that some sources will not have to obtain operating permits, and providing for an air construction permit and air operating permit by rule for some spray booths.

The department worked with the Air Construction Permits Task Force, whose members represent varying interests, to review the air construction permitting process and develop improvements to the process. These rules were drafted as a result of the Task Force work.

The Commission is requested to approve the Notice of Intended Action.

Allan Stokes
Administrator
Environmental Protection Division

Attachment

October 31, 1994

Environmental Protection Commission [567]
Notice of Intended Action

Pursuant to the authority of Iowa Code section 455B.133, the Environmental Protection Commission gives Notice of Intended Action to amend Chapter 22, "Controlling Pollution", Iowa Administrative Code.

~~The list of exemptions from the requirement to obtain an air construction permit is amended.~~

~~The department is given the authority to limit a source's hazardous air pollutant potential to emit in the source's air construction permit so the source does not have to obtain an air operating permit.~~

A permit by rule for certain spray booths is added. If a facility meets the criteria set forth in the rule, the facility's spray booths will be deemed to be in compliance with the requirements to obtain air construction permits and air operating permits.

These rules may impact small business.

Any interested person may make written suggestions or comments on the proposed rules on or before _____. Written comments should be directed to Christine Spackman, Iowa Department of Natural Resources, Wallace State Office Building, 900 East Grand, Des Moines, Iowa 50319-0034, FAX (515)281-8895.

A public hearing will be held on _____ at _____ in _____, at which time comments may be submitted orally or in writing.

These rules are intended to implement Iowa Code section 455B.133.

The following rules are proposed.

Item 1. Amend rule 567--22.1(2) by deleting the current 22.1(2) and replacing it with the following:

567--22.1(2) Exemptions. The provisions of this rule shall not apply to the following listed equipment or control equipment unless review of the equipment or control equipment is necessary to comply with rule 22.4(455B)(prevention of significant deterioration requirements), rule 22.5(455B)(special requirements for nonattainment areas), subrule 23.1(2)(new source performance standards), or subrule 23.1(3)(emission standards for hazardous air pollutants), in which case a permit must be obtained. If equipment is permitted under the provisions of rule 22.8, then no other exemptions shall apply to that equipment.

a. Fuel-burning equipment for indirect heating and reheating furnaces or cooling units using natural gas or liquefied petroleum gas with a capacity of less than ten million BTU per hour input.

b. Fuel-burning equipment for indirect heating or cooling with a capacity of less than one million BTU per hour input when burning coal, untreated wood or fuel oil. Used oils meeting the specification from 40 CFR 279.11 as amended through March 4, 1994 are acceptable fuels for this exemption.

c. Mobile internal combustion and jet engines, marine vessels and locomotives.

d. Equipment used for cultivating land, harvesting crops, or raising livestock other than anaerobic lagoons. This exemption is not applicable if the equipment is used to remove substances from grain which were applied to the grain by another person. This exemption is also not applicable to equipment used by a person to manufacture commercial feed, as defined in Iowa Code section 198.3, which is normally not fed to livestock, owned by the person or another person, in a feedlot, as defined in section 172D.1, subsection 6 or a confinement building owned or operated by that person and located in this state.

e. Incinerators with a rated refuse burning capacity of less than twenty five (25) pounds per hour.

f. Fugitive dust controls unless a control efficiency can be assigned to the equipment or control equipment.

g. Equipment or control equipment which reduces or eliminates all emission to the atmosphere. If a source does not have a construction permit and should have had one, this paragraph does not exempt the source from the requirement to obtain a construction permit. If a source wishes to obtain credit for reductions under the prevention of significant deterioration requirements, it must apply for a permit for the reduction prior to the time the reduction is made. If a construction permit has been previously issued for the equipment or control equipment, the conditions of the construction permit remain in effect. In order to use this exemption, the facility must comply with paragraph "s" below.

h. Equipment (other than anaerobic lagoons) or control equipment which emits odors unless such equipment or control equipment also emits particulate matter, or any other air contaminant.

i. Construction, modification or alteration to equipment which will not significantly modify overall facility emissions:

"Significantly modify" in this content means an increase in emissions of more than:

1.0 lb/hr of any regulated air pollutant, except for those pollutants covered under the provisions of section 112 (g) of the CAAA of 1990. Further, the emission rate INCREASE must not exceed the values listed in Table I.

Table I

<u>Pollutant</u>	<u>Ton/year</u>
Lead	0.6
Asbestos	0.007
Beryllium	0.004
Vinyl Chloride	1
Fluorides	3

This exemption is ONLY applicable to vertical discharges with the exhaust stack height ten (10) or more feet above the highest building within fifty feet. If a construction permit has been previously issued for the equipment or control equipment, the conditions of the construction permit remain in effect. In order to use this exemption, the facility must comply with paragraph "s" below.

The department reserves the right to require proof that the National Ambient Air Quality Standards have not been violated by any change made when claiming this exemption to the air quality construction permit requirement. If the department finds, at any time after a change has been made pursuant to this exemption, evidence of violations of any of the department's rules, the department may require the source to submit to the department sufficient information to determine whether enforcement action should be taken. This information may include, but is not limited to, any information that would have been submitted in an application for a construction permit for any changes made by the source under this exemption, and air quality dispersion modeling.

j. Residential wood heaters, cookstoves, or fireplaces.

k. Asbestos demolition and renovation projects subject to 40 CFR 61.145.

l. The equipment in laboratories used exclusively for nonproduction chemical and physical analyses.

m. Gasoline, diesel fuel or fuel oil storage tanks with a capacity of 1,000 gallons or less and an annual throughput less than 40,000 gallons.

n. Stack or vents to prevent escape of sewer gases through plumbing traps. Systems which include any industrial waste are not exempt.

o. A non-production surface coating process that uses only hand-held aerosol spray cans.

p. Brazing, soldering or welding equipment or portable cutting torches, except for the those industries in the major industrial groups of 10, 33, 34 and 50 (as described in the Standard Industrial Classification Manual, 1987), used for non-production activities.

q. Cooling and ventilating equipment: Comfort air conditioning not designed or used to remove air contaminants generated by, or released from specific units of equipment.

r. An internal combustion engine with a brake horsepower rating of less than 400 measured at the shaft. For the purposes of this exemption, the manufacturer's nameplate rating at full load shall be defined as the brake horsepower output at the shaft.

s. A facility claiming to be exempt under the provisions of "g" or "i" above shall provide to the Department at least 30 days in advance of the beginning of construction on the project, a written statement which shall include the following:

(1) a detailed emissions estimate accompanied by documentation of the basis for the emission estimate;

(2) a detailed description of each change being made;

(3) the name and location of the facility;

(4) the height of the emission point or stack and the height of the highest building within 50 feet;

(5) the date for beginning actual construction and the date that operation will begin after the changes are made;

(6) a list of the actual and potential emissions for the project for all regulated pollutants;

(7) a statement that the provisions of rules 22.4 and 22.5 do not apply;

(8) a statement that the accumulated emissions increases associated with each change under paragraph 22.1(2)"i," when totaled with other net emissions increases contemporaneous with the proposed change (occurring within five years before construction on the particular change commences) have not exceeded significant levels as defined in 40 CFR 52.21(b)(23) as amended through July 21, 1993, and have not exceeded the ambient air increments or ceiling pursuant to 40 CFR 52.21(c) and (d), respectively, as amended through July 21, 1993. This statement shall be accompanied by documentation for the basis of these statements.

(9) the written statement shall be notarized and shall contain certification by a responsible official (as defined in 567 IAC 22.100) of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item 2. Add a new paragraph 567--22.3(6):

567--22.3(6) Limits on Hazardous Air Pollutants. The department may limit a source's hazardous air pollutant potential to emit, as defined at 567--22.100(455B), in the source's construction permit for the purpose of establishing federally enforceable limits on the source's hazardous air pollutant potential to emit so the source does not have to obtain an operating permit.

Item 3. Amend 567--22.1(1)(455B) as follows:

567-22.1(1) Permit required. Unless exempted in subrule 22.1(2), no person shall construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to 22.8(455B), or a permit required pursuant to 22.4(455B) and 22.5(455B) as required in this subrule. A permit shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source.

Item 4. Add a new rule 567--22.8(455B) Permit By Rule for Spray Booths as follows:

567--22.8(455B) Permit by Rule for Spray Booths. Spray booths which comply with the requirements contained in this rule will be deemed to be in compliance with the requirements to obtain an air construction permit and an air operating permit. Spray booths which comply with this rule will be considered to have federally enforceable limits so that their potential emissions are less than the major source limits for regulated air pollutants and hazardous air pollutants as defined in 567--22.100(455B).

22.8(1) Definition. "Sprayed material" is material sprayed from spray equipment when used in the surface coating process in the spray booth, including but not limited to paint, solvents, and mixtures of paint and solvents.

22.8(2) Facilities which facility-wide spray one gallon per day or less of sprayed material are exempt from all requirements, except that they must submit the certification in 22.8(5) to the department and keep records of daily sprayed material use. The facility must keep the records of daily sprayed material use for eighteen months from the date to which the records apply.

22.8(3) Facilities which facility-wide spray more than one gallon per day but never more than three gallons per day are exempt from all requirements, except that they must submit the certification in 22.8(5) to the department, keep records of daily sprayed material use, and vent emissions from spray booths through a stack which is at least 22 feet tall, measured from ground level. The facility must keep the records of daily sprayed material use for eighteen months from the date to which the records apply.

22.8(4) Facilities which facility-wide spray more than three gallons per day must comply with all applicable statutes and rules.

22.8(5) Facilities which claim to be permitted by provisions of this rule must submit to the department a written statement as follows:

"I certify that the paint booth deemed permitted under the terms of rule 567 IAC 22.8 is in compliance with all applicable requirements of rule 567 IAC 22.8. This certification is based on

information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete."

The certification must be signed by one of the following individuals.

a. For corporations, a principal executive officer of at least the level of vice-president, or a responsible official as defined at 567 IAC 22.100.

b. For partnerships, a general partner.

c. For sole proprietorships, the proprietor.

d. For municipal, state, county, or other public facilities, the principal executive officer or the ranking elected official.

Date

Larry J. Wilson, Director